Nows adder Lawis Styles and 123 f

PETER Polumho's latest proposals for the City of London will go on public exhibition next

The mixed use schemes, designed by James Stirling, Michael Wilford & Associates, replace the rejected Mies van der Rohe tower and square. One incorporates the existing Mappin & Wehh building on the site, in Poultry, the other is a

Completely new design.
The exhibition will take place in the Former Aldernien's Courtroom, Giolilliall, London EC2, Tuesday June 3 to Friday June 6, 10mm to 4pm duily.

### All's well in the garden

LETCHWOR'I'I Garden City Corporation has been saved

Under Section 262 of the Local Government Act, 1972, nou-metropolitan areos cease to hove effect at the end of this year

inless re-enacted or exempled. The exemption order being made fur Letchworth will allow the eorporotion to continue its statutory task of managing and developing the Gorden City estate, which was established in

### Tight budget for repairs

ONLY 36 out of 121 local housing authorities who applied hove been granted increases in their housing investment programme to meet their obliga-tions under the Housing Defects

Local authorities are obliged to buy back any defective system built dwellings they have sold ond which are listed under the Act. They clso hove to repair affected homes still in their Birmingham cash pleo, poge 4

GORDON Benson hos fur mally

accepted o port-time professor-ship at Strathelyde University school of architecture which ho

He will be taking over the two

.signing off...

days a week post in September.

initially for one to three years, Peter Reed, holder of the

was offered in April.

Benson accepts part-time

position at Strathclyde

Government says it again: we'll cut planning red tape

GOVERNMENT commilments to cutting planning red lape and improving the efficlency of the present planning system are renffirmed in a new report alined at encournging

usinesses. The Building business ... not parriers, report has been issued by the Department of Employment and follows the recent publications Burdens on business

ond the White Paper Lifting the It comes up with a four-point plan aimed at streamlining the

planning system: reducing theseopeof control and doing away with the need for o planning application for certain types and smaller sizes of buildings;

simplifying the planning

### Ridley's

NICHOLAS Ridley, who rsplaced Kenneth Baker as environment secretary last week, has an orchitectural pedigree that observers hope will prompt a more positivo approach to architectural affairs.

Ridley, who lists architecture as one of his recreations in Who's Who, along with pointing and fishing, is grandson of Sir Edwin Lutyens, and grew up in a house with gardens designed by his grandfather.

continues ns head.

ressure of work.

Canadian

nonours

could only accept the post on a

part-time basis, due to the

"Stratholyde were very un

derstanding, but it looks as If

I've got an extremely busy time nliead of mc."

MICHAEL Monser and the

president of the Commonwealth

Association of Architects, John

Wells-Thorpe have been made honorary fellows of the Royal

Architectural Institute of Can-

Ed Zeidler, designer with his English partner Alf Roberts of

the Consdu Place project for Expo 86, was nwarded the

institute's gold medal.

system to cut down demands on both developers and planning improving efficiency of the

By Alan Thompson

planning applications and appeals system; and

to allow a wider range of changes of use of buildings to take place without planning permission, and changing the General Development Order to enable permission to be granted

to diversify their businesses be These measures include modernising the Use Classes Order converting redundant agricultural buildings to other uses with minimum planning wrangles.

And environmental protec tion is to be reassessed for "rationalising and simplifying" existing regulations. Building businesses . . . no

### pedestrian walk. The main entrance will be a fewer in glass and timber. The 5,000kg a seheme goes before planners in Jah and Speyha wk hopes to finish lo like for Christmas 1987. Life after redundancy locks

Building Design Partnership

Building Design Partnership in drawn up a retail scheme for Sechawk in Bury St Edmunds, Sailok.

The scheme, for the former foat Ctnoma stte proviously owned to Legal & General Assurance, all thelude 12 shops and a calchest aurant on two storeys along pedestrian walk.

A CAMBRIDGE architect who was made redundant in 1981 chemes aged 55 has been named Brit Chemes ain's first Safety Officer of the

In his second career as safety merge officer for Cambridgeshir merge council works department, Paul Bird devised a series of comp BREE proposed schemes for

etitions to make the department more safety conscious.

The Crown Paints/Royal Society for the Prevention of Accidents Safety Officer of the Year Award is awarded to the person who has made the most are more than 30,000 jobs, wide nearly 6 million sq ft of immercial and industrial consace, and include hotels, which is a space and sports person who has made the most oulstanding individual contri-Details of the schemes, all for

Royal Docks area, were will by the development emoration as the public in pay mio the local plan for the intabegan.
The biggest proposol, put at DM million, is from developer

leekaugh Stanhope for n site to the north side of Albert

It comprises 2.5 million sq fl d space in s science/com-ercial park a marine centre ad exhibition centre, 250 ones and retail units.

Akhemeby Dutch developer 10M with Laing and sports pendion company Fox would compile 1.3 million sq ft of the that the things of the thin shibition hall totalling nearly ! allonsoff, a 500-bed hotel and 2,000-seat stadium.

The proposal is for the north side Victoria Dock, and has a estimated value of £544

Finally there is the £400 mining there is the 2400 min plan by Heron Inter-Micoal with Mowlem and Micoal with Mowlem and Michigan Roche for the with side of Victoria Dock. schools, with the purpose of t comprises 300,000sq ft of dices, 160,000sq ft of studio sec, a 500-hed hotel, retail and the state of the sec, a 500-hed hotel, retail and the state of the sec, a 500-hed hotel, retail and the s aure facilities, and a 415,000sq finformation technology een-

But local action groups are that the development corporation is discussing these proposals beforethe local plan is

Docklands Forum and New-lam Docklands Forum have afted DoE chief Nicholas Ridley to instruct the LDDC not exolinue processing the plans wiry are known.

Canary Wharf architects Marealsoworking on a large project io the City, the Rischaugh Stanhope developent over Liverpool Street h spokeswoman for the wilands project denied there

hold be any conflict of interest Albe American practice. Renion Howard Wood Levin in also working on the Liverpool Street scheme.

averaga". Bath, Liverpool, Newcaatle,

head David Gosling said the ratings were "very disturbing" process hos been deeply flawed. - and his school was at the top Students entering Part | lost

Meanwhile, UGC chairman

marked schools' performance in terms of research work. Some heads are worried that Sheffield is due for its UGC this assessment, which may affect funds allocated to indireview visit this Monday, one of vidual schools, has introduced a the first to be considered. Architects on the seven-man panel are John Musgrove, John Portridge, Alan Wills and Douglass Wisc. By Lewis Blackwell

The weekly newspaper for the design team

Wise gove warning earlier this year that at leost one university

ANOTHER ROUND

new divisive element between the university and polytechnic schools and is a basis for euts school would have to be closed outside the transbinory review. to meet the cuts requirements. It also makes a qualitative ag-sessment of the schools without Peter Swinnerton-Dyer hos had an informal briefing with RIBA education leaders. He heard

> tion to go in at a meeting that took place on the day of the last council meeting.
> But while the RIBA looks to the next round of euts, it is still under pressure to act over the eurrent axing proposals for Huddersfield ond North East

London Polyteehnic schoola. Council's failure to meet the demands of the special general meeting may now lead to an attempt to call a fresh education

### Foster hits out at RICS brochure

FRIDAY JUNE 6 1986

NORMAN Foster has altacked the Royal Institution of Chartered Surveyors, claiming its new publicity brochure is so mis-leading as to suggest the Hongkong Bank is the product of surveyors' design skills. He has written to RICS

secretory-general Michael Pattison demanding that the "ludi-erous situation" is rectified. The brochure, Warning: not using a chartered surveyor can put you at risk, hos pietures of the bank, the new Lloyds building and other schemes with no credits for the architects, but after an introluction that says aurveyors are the best-trained professionals in

design.
The RICS told BD this week it would not be changing the brochure. "We did not inlend to market architecture," commented a spokeswoman.

Fosier Associates partner Gordon Graham said the brochure contained stotements that were "categorieally untrue".

### New exchange plan unveiled

FITZROY Robinson's revised scheme for the Royal Exchange building will go to the City Corporation for planning per-mission this month.

The new design, accepted by the Royal Fine Art Commis-sion and English Heritage, is a flat glazed roof tucked behind the original pediment.

It has been described by the orchitects as "athletic, diaphanoua and modern".

### for two or more alternative uses. adopting a positive npbarriers is available from dulstanding individed the hold button in the field. Farmers could be given help

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THE TECHNICIAN WITH AMBITION BELONGS TO BIAT THE INTERNATIONAL QUALIFYING BODY FOR TECHNICIANS IN ARCHITECTURE.



### The visits of the UGC techany reference to teaching stand-ards or the atudents' work. lology sub-committee to the schools take place against a controversial new UGC ratings Sheffield University school top research rating

architecture in terms of research; achievements were "outstand-Manchester and Nottingham lng", Cambridge and Strathhave the worst.

Brigade's

new look

Post-moderniam has reached the public sector with the new West Tollcross Fire Station in Edinburgh.

Tollcross Fire Station in Edinburgh.
Designed by the department of srehitectural services at Lothion Regional Councit, the L-shaped building is faced in block on its outer public facade and brick elsewhere. Window fromes, projecting bays, railings and canopies are painted in bright colours to enliven the iwo-storey station.

Both tevels contain a complex

arrangement of staff factitites,

corridors, and four fire engine bays

Architects, engineers and quantity surveyors were from Lothian Archi-cetural Services Department and M

round of cuts in archi-

tectural education began

In carnest this week, with

university schools in the

The University Grants

Committee has started on its

long-term review of the

producing a report at the end

of the year that will advise on

cuts and mergers.

front line.

UGC gets university schools in its sights

Pariners, (Photo: Stuart Boxler)

are located at ground level.

equipment storage and administra-tive accommodation served by central

That Is the view of the University Grants Commiliee, which for the first time has produced a subject-by-subject rating of universities' research perform-

This is to be used for owarding around 15 per cent of the moocy opportioned by the UGC for next

the best university schools of field schools, whose research

Edinburgh and UWIST were "average", while Manchester and Nottingham bave the damaging "below average" rating.

Polytechnic schools will not

undargo a similar study as they bave no research element in their graat make-up.

The two sehools are still waiting to hear if new education secretary Kenneth Baker will give them a reprieve, and fear the announcement could be as late as September. Huddersfield has prepared a case for getting a judicial review of any closure deeision should it be necessary



year rose by 0.4 percent to 1,672 the RIBA's annual education

report reveals this week.

Women entranta dropped from 25.5 per cent to 24.1 per

cent, but overseas atudent numb-

ers rose to 11.4 er cent. Entrants

at Parl II rose 0.8 per cent.

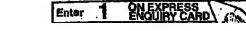
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Out of Africa pages 20-24

A MEANEUR VENEER.

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EXHAUSTED and jet-larged, some 50 Sags woke to a duli Chicago dawn, but over the next days they warmed to the city, and the weather reciprocated with temperatures reaching 90

Groups visited the offices of Skidmore, Owings & Merrill and Helann Jahn — apposites in every respect bar size. The 400-strong SOM flagship was immpressive, nut least for the computer banks, but the results mostly pre-east Beaux Arts Classicism — are a timid hacklash of a confused profession.

Murphy Jahn suffer no such lack of confidence. They spurn computers and produce a slick, grandiose, flashy architecture that refines the skin aesthetic and is spreading rapidly across

The impressive Mies centennial exhibition occupies the three thors of the Museum of Contemporary Art and comies from Arthur Drexler's MOMA in New York. Huppily it is attracting lurge numbers of nonarchitects. "He sounds like a Dutchman", shrieked a local yuppie, "but", pointing to a photo of the reconstructed llarcelona pavilion, "I could sure handle that". Modern architecture is still popular in

### Wednesday

Were it not for the fursightedness of S C Johnson, Rucine in Wisconsin would be overlooked by the world. Wright's administration building for Johnson Wax is a complex and so phisticated work that requires a visit to fully appreciate. The company is justifiably proud of its building, which still functions

The quasi-religious fervour that surrounds Wright is a mention that he's dead, we were warned. Nowhere was it more apparent than at Taliesin I at Spring Green, Wisconsin. The site is upliffing and saddening first for the specincular archilectural response to the rural setting and the second for the decayed condition of the hilltop

"New Designs for Old", sponsored by the Helan Hamlyn Foundation and the Conren Foundation, is at the Bollerhouse until July 3. Fione Gorman went elong.

### Young at heart



neth Grango's safety shower.

Salaried architects explored the Windy City. lan Latham kapt the log.

The Wright stuff



Soggy Sags met of Adler & Sullivan's Auditorium Building (on which a youtliful Wright lind worked) to be guided on a tour of the central city by the Chicago Architecture Foundation. Like Glasgow and Liverpool,

t is the robust late 19th century urban blocks that stamp their authority on the city. But in Chicago's case these prototype towers put up after the deva-stating 1871 fire, represent a microcosm of architectural and constructional history, from William le Baron Jenney and John Wellborn Root to Louis Sullivan and Daniel Burnham - from masonry and east iron to slee! frame and eurlain

Southside in the afternoon to be lifted by H H Richardson's remarkable Glessner House and Wright's seminal Robie House, and then depressed by the

soulless air of Mies' Illinois Saturday Institute of Technology campus. Partly through lack of care main criteria for the physical forest physical for the physical for the physical for the physical f

thetic, the buildings have not lasted well. Only the later Crown Hall still commands a sobre

When Mies was still in a pramin Aachen, Frank Lloyd Wright began building his first home at Oak Park, now a salubrious suburb some 30 minutes west of the eity centre. The district boasis a wealth of early prairie school houses, for the most part well cared for. Wright's home and studio, owned by a charitable foundation, is nearing the end of its 12-year, \$3 million programme of restoration and soon visitors will be rewarded with this rich and inventive work in pristine condition.

THE collection of household

and garden garments, gadgets and furnishings on ahow at the

The Helen Hamlyn Fouoda-

tion invited designers from

population is over 60, but their

needs are largely uncatered for,

or met by products which segre-

hem more easily.

many ilema will miss the mark.

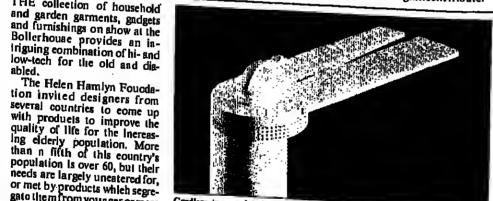
form of Chicago, it is two nonarchitectural features that give its special character. The elevaled railway network that straddles the streets on an igainly steel trussed structure is in such poor condition that one fears for its future. The noisy Irains are largely avoided by white residents of this automotive eity, but their presence, especially around the Loop that

ment of the 1992 Worlds Fair

(masterplan by SOM) is a lost

encloses the south side financial ceaire, is an important asset. Chicago's lakefront is said, like most other things here, to be the biggest in the world. With relics of the 1893 Columbian exhibition, the continuous park is under-used, and the abandon-

opportunity. There are hopes, bowever, that something will House is a magnificent tribute.





The fadependent Living Kitchen from Roland Gibbard of VRM Interiors.

trial infrastructure. Unemployment on Teesside is 25 per cent

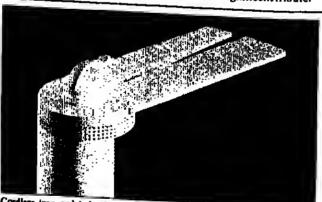
still be done to re-establish the ring of urban parks, planned by Daniel burnham bul now in poorer areas with less political clout, and connect it with a coherent lakefront park.

Sunday

Tour leader Bob Giles orchestrated a dramatic finale for the

Peter Palumbo had kindly invited the group to visit the Farnsworth House at Plano, Illinois, probably Mies' finest. Palumbo's presence at the opening of the exhibition of Stirling's Mansion House scheme in London was Adrinn Gale's good fortune; he was

flown out to welcome us. The house lins been painstakingly restored and the garden is now well established to the plans of the late Lanning Roper; after the disappointment of other Mies buildings, the Farnsworth Repair grants



Cordless iron and inductive ironing-board from Frog Oesiga of Germany reduces the risk of burns.



### a tiered eight-storey office block of 8,550sq m designed by APT Partnership. **RFAC** backs Farrell plan

THE Royal Fine Art Commission has added its backing to the calls for a public inquiry for plans to redevelop Wimbledon lown centre.

It has said it prefers the Terry Farrell-designed scheme for Greycoat to Speyhawk's BDP designed proposal, which has been pushed ahead with council support. Greycoal has led the lobbying asking for a public incular.

Teesside in Change bid for of heart EEC funds

A DETAILED plan to trace form Teesside from unemploy ment blinckspot to revitable, urbnn centre will be used in abit to win development funding from the EEC.

News

bid for

orough borough councils and

leveland County Council.

Over the

CRAWLEY council has finally

plumped for a design and build

team for a new multi-purpos

arts centre, after rejecting fiv

Renton Howard Wood Levis

and New London Theatrearchi-

architects lold their scheme

went over the maximum £5

A contract is due to be signed

next week with the Liewelly

group for a £5.8 million, 800-

seat auditorium. But some

sources in the council believe it

to be revised

HOUSING minister John Pat-

ten announced this week a plan to revise the ceiling for repair grants under the Housing De-

fects Aet, increasing the maximum per house from £14,00010

But he wants to do away with

a flat rate maximum, to reflect

the different degrees of problem

found with each house type. The lowest ceiling could be £12,000.

Dock scheme

draws protests

PROTESTS about proposals

for an office development in St Katharine's Dock have come

from the Royal Fine Art Com-mission and the local South

Developers Taylor Woodrow

have applied to the London

Doeklands Development Corporation for permission to build

chemes by architects.

million budget.

The proposals include ex-

udy proposes work costing [ ] widon, after having its archi ats Campbell Zogolovitch The EEC has already pio wikinson Gough obtain plan-vided backing — for the study as permission for a major itself, which was commissioned by Langbaurgh and Middles

The 10ha Northants site vetzins many listed Georgian The proposals include each should proposition for the tending the existing land reclamation programme, developing a "scientific park", and asthen \$250,000 was paid for iron, and steel myseum. iron and steel museum, and resite Now, with some adjoin-improving Iransport and industry plots, Kentish Huntes in missioned to be asking £1.25

> (ZWG's scheme for eonverissandnew-build would have potent 35 houses, 13,000sq m diffires, a 2,700 sq m exhibition antre and 13,000sq m of clustrial space. This has been tadoped to a point where "we sere ready to start laying bids", said a Kentish Homes

But the decision to sell was tientofree funds and manageum for a major developmen paned in London.

One disappointed hidder at tect Paul Tyrtkovic were among troriginal sale, Robert Copeme promoter of an ambitious mercational sports centre siene, attacked the proposer se He said Kentish Homes would not be allowed the aciderable profit which he ing to the inxpuyer".

could end up costing £1 million Imish Homes claims it has per considerable resources on The scheme has been de-The scheme has been de-scribed by Tvrtkovic as "a rd would "naturally expect rather inferior small town ark responsible."

> Developer takes his grand plan to Lords

PROPOSALS to huild a £100 adion shopping centre beside and anderneath the Mil near loue of Lords.

This follows the Appeal Cours backing of the DoE ightion of the Centre 21 scheme, drawn up by architect Roland Smith for Penwisc

Smith has now produced a 125 million scheme for the 44lia the field site at Enderby, but decloper Derck Penman is decimined to take his \$100

ROJECTED costs of the

from £60 million to £90 million

SIR Kenneth Wood, a former The rise was revealed this sick as BDP submitted the

Mies tribute

mail of the scheme, plus higher building costs, account for the hickesed estimate. THE reconstruction of Mies van

Spitalfields deal is more bad news To no centre will be used in a bit of win development funding from the EEC.

Produced by consultants in the Fad Ordnance Depot site at study proposes work continued. The fad Ordnance Depot site at study proposes work continued. REDEVELOPMENT plans Development - n consortium

for Spilulfields Markel in of LET and Balfour Beatly -Loudon's East End are posing needs to persuade Tower Haman increasing challenge to the glant County Wharf scheme n Docklands - bul need legisintion if they are to

A Wall Street investment bank and potential Cnnary Wharf tenant, Salomon Brothers, has entered into a conditional agreement with LET to lease 45,000sq m of offices at Spitalfields, it has been revealed.

Peter Beckwith, managing lirector of LET, says that other big financial institutions are keen for a clume to take the pace in the Fitzroy Robinson esigned-scheme.

Meanwhile, nnother potential Canary Where tenant appears to be out of the running.

American bank Morgan

Guaranty is instend to develop a ite south of Fleet Street folluwing a £90 million property A design team is yet to be

ippointed.

for completion in 1991.

If LET is to be successful r competing for tenants with roposed developments in Docklands, it must secure un Act of Parliament by November for the market's relocation in Waltham Forest so that building can start in November 1987

The newly formed Spitalfields

through the appenl procedures. He claims former environment secretary Kenneth Baker fuiled to give any good reason for rejecting his scheme, which was first unveiled four years ago. The inquiry inspector recom-

He suid similar schemes rnposed in development areas Newcastle, Rotherham and Wolverhumptun would cost the taxpayer £1 billion, whereas his seheme was wholly privately financed.

### Ex-NBA head dies

Migale centre scheme in the lads market area have shot up director of the National Building Agency and chairman of the Bison Group, died last weekend after a long illness. He was 77.

Shene for planning on behalf of Dulch developer MAB.
The 3.5ha proposal features and a 3,000-space car park a content half 200.bod Wood, a chartered account ant who worked for the Mioistry of Housing & Local Governmenl as industrial advisor on house building, was an advocate of system building during the Park, a concert hall, 200-bed Majvilage.

Medifications and enlargenlus highe

The scheme will require listed der Rohe's Barcelona Pavilion, abecalled in for public inquiry. built in 1929 for the World Fair, AB still hope to start on site Mit year, with completion in to coincide with the 100th anniversary celebrations of

Spitalfields Development let council that their 100,000sq

By Amanda Ballileu

ni-plus scheme will bring more

than just financial benefits to the Tower Hamlets stands to reap more than £12 million per

annum for the site's increase in rateable value, sny the devel-opers, but proposals also provide for "environmental improvements" including a local reaction to the redevelop trust that could be used for

Group says that "no buildings of architectural ment will be affected and as presently envisaged the gabled commercial market buildings will remain in

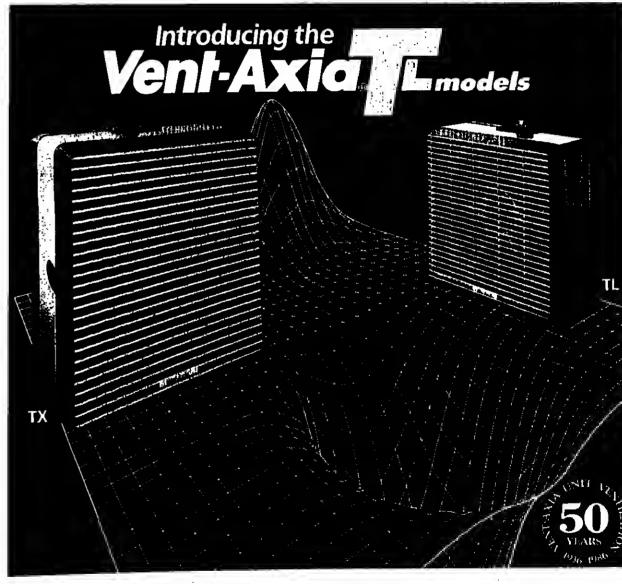
It also says that the scheme would be sensitive to the surrounding townscape and respect and enhance Hnwksmoor Christ Church

Tower Hamlets told BD that i is to hold "nn extensive public consultation exercise" to gauge

### Manchester centre award

Michael Hyde (left), president of the Manchester Society of Architects, presents an award to Jack Bogle, sentor partner of Essex Goodman & Suggitt, for the practice's work on the conversion of the former Centrol Station to the on the practice's worn on the conversion of the former Centrol Station to the Greater Manchester Exhibition Centre (G-Mex). The presentation was made on the opining morning of the Bullding North West oxhibition in the centre, at a breaktast meeting attended by more than 100 members of the society. The exhibition was opened by OoE minister Lord Eiton.

• The winners of the 1986 Building Centre Lego Competition are Browne Smith Barker & Partners of Newcastle. This year's competition was on the theme of the circus and the winners' blue sea-lion won each of the four team members a Harrods hamper. Second in the event, held at the Building North West exhibition, was a team from Stephenson & Mills from Manchester.



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paper between walls and floors

showing there is no effective fire

of your building

timber guards your

costs, preserved

### Church seeks saviour

Si Mary's Church, Guteshvad's only Grade I listed building, has been reprieted from demniition by the Northern Heritage Trust.

As church-going declined and the residents retreated from the polluted river, this parish church, which has marked the Tyne crossing for six centuries, was decirred retundant. Yandalism took over and two fires Vandalism took over and two fires have desirnyed the roof und the intertor of the 18th century tower.

to the Church Commissioners the gutted shell was nothing hut a liability, but the trust could see a future for the lapressive architectural space that it encloses. The trust would need to commend the country of the commendation of the commendation. tural space that it encloses. The trust would prefer a community use, perhaps un auditorium. Fuiling that, it could become a showroom, or with one informaliste floor in the ause and two in the tower, it would offer a 20sq m of office space.

iwn in the tuwer, it would offer 6 20 sq m of office space.

Phase I of the repair programme, the recunstruction of the mof, has been unexpectedly successful. The charred incideval timbers, scraped and hancel on fine gloss, are still large nnugh in section in support the ness bect steel roof and a softwood

Entar 2 ON EXPRESS ENQUIRY CARD



Lodge la Hyde Pork into a £100 militoa art gallery have been given the green light by Westminster pionners. The city council has agreed in

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or luxury cabins.

rinciple to the work planned for American multi-ntillionaire businessinan Frederick Koch but there are reservations. Koch's architects, Charles

convert the listed St John's Manser in Britain, have been asked to submit full detnils of their proposals for scrutiny by

This should appeare Koch, who had threatened to pull out of the scheme and take his collection elsewhere, probably out of the country, unless he was given the go-ahead by July 1 Original plans to alter the building were attacked by the Victorian Society, Royal Fine Arts Commission, Georginn Group and English Heritage as

### By Alan Thompson

IMPROVED SIGN

yes to Koch

"inappropriate, unnecessary and harmful". Main concerns were the installation of a central staircase, the loss of decorative paintings by Horntio Lonsdnle n the main hall, modifications to other parts of the building and Koch's intention to open the museum to the public for only four days n vear.

But new proposals to transfer ome wall paintings, modify the cfurbishments planned for the Burton nud Barry wings and incrense public open days to six weeks a year won support from Westminster and English Herit-

Conservation groups are waiting to see the detailed proposals before commenting urther, but nre still fundamentally opposed to the mdical

Alan Bradley, Westminster planning chairman, is still concerned about the new stairan application to demolish his case planned for the central hall and the removal of the decorations below cornice level.

He is waiting to see the details of the stone treatment planned or the walls in the main hall. He said once Manser had lodged details of his proposal with the council, a decision could be given within three

Manser said Westminster's decision was more encouraging and that he was optimistic that Koch would agree to the new time scale.

### resubmitted after further consultation with Bradinan's architects, William Bertram & Tell, of Bath. Newt power

arger onc.

ing consultant.

EPPING Forest council has had to redesign a £5 million office eomplex after great crested newts were found living in a pond which was to have been filled in for a car park. Now the news "will live in peace", said a council spokesman.



stannar

the stairbeaters or the old or disabled at the push of a button — even when they're fined to witeeichairs. Find out more hy ringing (0264) 64311 124 hrst or write-no stemp oceded - to: Dept 8328 Stannah Stalrilla National HQ, FREEPOST, Andover, SP10 3B8. Enter 5 ON EXPRESS ENGURY CARD

### Westminster Extra cast Training planners say help for to beat Newham towboys

Talls short GHONAL standards of traingand qualification for build-paperatices could be established as the result of the molinomity introduction of a ratical test by the Constructional down estates.

But the hundoul, under the Urban Housing Renewal Unit programme, falls far shonofile policies outlined in the new diffs required for Them to central Newham draft plan the seme craftsmen.
has just been published by the The CITB has introduced the

But Newham council he

The council bas 27 town

blocks, and wants some demoli-

tion to free up land for more low-

A local management and a

community refurbishment sch-

And a £300,000 UHRU

scheme has been given the go-ahead in Mansfield.

rise housing.

Green Lane estate.

eme will be involved.

Bradman

thwarted

GODFREY Bradman, multi-

millionaire head of the develop-

ment group Rosehaugh, hashad

22-room mansion in Hsmp

stead Garden Suburb turned

Bradman bad planned to

replace the mansion with B

Local objectors to the scheok hired Sir Basil Spence as plan-

While officers were in favour

of Bradman's scheme, council-

lors agreed that it should be

down by Barnet council.

giksistoensure all craftsmen The cash is inlended forward areas the country do achieve on the Rnthbone Estate and on pred standards. James Sinclair Point and Des-'At a time when some 42,000 nison Point. Besides environ

emplaints a year nre made mental improvements, better must builders, this could help security and management are seliminate the cowboy buildog worker and reduce the runter of such people operatstressed in its plan that housing exciteblack economy, "said provided by the point blocks in the first the point blocks in the

### not what the area needs, It has a policy of refusing to house families in such blocks, and wants the cash for more low-rise homes. The draft plan sets a three-storey height limit on any plans for new liousing, with a two-storey limit for family

MCHITECTS with CAD systas will be oble to dial up hilding information world-cleasing the latest "telephone ductory" style publication. Bilding Construction Archi-

 Environment minister Sir Mine Database 1986 contains George Young has also announced a £1.9 million urban talk of the contents, costs, d reppliers of online inforhousing renewal unit scheme for ción services in Europe and Son America. Blackburn, to refurbisb the rundown, traditionally built

his produced by Aslih, The sociation for Information Hosgement, Information Rese, 26/27 Boswell Sircel. codon WCIN 3JZ.

### ANEW booklet Building for

Meare willen hy Matrix, a repetive of feminist archiat is aimed at giving purents Whildcare workers more say the design and building of isies for the under-fives. Also included is odvice on Mag premises and the build-

hisayallable from National Childrene Campaign; Wesly Hose, 70 Great Queen Street, WC, for £1.50.

### turopean chance for UK award winners

wie awards, which cover six conservation engineering, BJL.

Winners will receive £2,000 with the rest going forward to the European oward.

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### Gas explosion risk could force council to evacuate tower

gthening the block."

gas was tnken out.

made safe.

Both measures would take

months to implement and Webb

is calling on the council to

Last year two tower blocks in

This week environment sec-

retary Nicholas Ridleyofficially

began the demolition of the two

Reema blocks in Wandsworth,

which would have cost a pro-

hibitive £21/2 million to make

Wandsworth and three in Shef-

evacuate the block until it i

CAMDEN council may hove obligation to protect its tenants to evacuate its only Reema by removing the gas or strenbuilt tower block following n structurnl report confirming enants' worst fears.

The report says the building has not been strengthened to government specifications, and could collapse in the event of a small gas explosion.

field were evacuated while their Conneil officials who recently nuthorised a £7.5 million modmisation programme for the West Kentish Town estate, including appruding the gas central heating system to the 14-storcy Hawkridge block, assumed checks had been made in safe. Wandsworth council de-1968 following the Ronan Point cided to spend £380,000 on disaster.

But pressure from tenunts and the National Tower Blocks Network forced the council to admit it had no record of the survey being carried out.

It is alleged that Camden asked Reema's original struc-

### By Alan Thompson

in 1968, and that the comei lecided to leave gas in the blocks

Last October the council called in structural engineers Tottenham & Hennett to resurvey the blocks and dispe tenants' leats.

But the report found the building was not strengthened to standards specified in the 1968 government circular 62/68, and that it would not necessarily withstand a gas blast

"The huilding does not com-ply with Building Regulations in relation to the lateral restraints of the columns and walls by ties," the report says. A gas explosion could mean the columus failing.
Ranan Point campaigne

arehitectural adviser to the Hawkridge tenants, said: "A: Camden council now has proof that an explosion could cause

a launched this week, will

the European Conservation

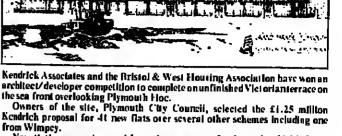
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THE winners of the United young people's and for the best Wigdom Conservation Aw- conservation project by a UK

> Entry forms from The Con servation Foundation, I la West Halkin Streel, London SWI

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### Retail giant proposed for Heathrow site

PLANS for the country's higgest and most ambilious shopping centre have licen unveiled by Building Design of felsure retuiling, food markets, a l'arinership. The four-stores Runnsmede Inter-

national Shopping Centre has been described by the deseloper Arc Properties us a "hanging garden floating as on island in the centre of a

in reality, the centre will sit on the site of a former gravel pit surrounded by shallow lakes adjacent to Junction 13 of the M25, ten minutes from

Heathers.
Designed us an up-market Knights-bridge and Bond Street complex for the "wealth belt", it will be arranged around a grand mall which will lead, via walkways and glass sided escala-



Borough Council for outline planning permission, a big question mark hungs oser its future.

prompt a public inquiry, says the developer, who also knows that if Runneymede is to be built it will need a

multiples cinema.

The dominant feature of the building will be the glazed barrel vaulted will be the glazed barrel vaulted. Well planted rooftops cover-

nre using "veiled blackmail" against housebuilders and their architects, the National Housebuilding Council has

pariments. Certain councils are already asking for monthly reports on the value of business lost to NHBC with an eye to reductions in their own staff

NHBC does not expect to take more than 10 per cent of the building control work away
the extra that has to be paid for

some areas where most of the work is house building the perce niage will be greater.

Whatever threats individuals may be making, the IOBC official line is that competition will help them to improve their

fulness are all being improved. Northampion is even offering Saturday morning inspection

A speaker on the Scottish system said VAT was not charged on building control fees in Scotland because there wasno

Designers in England and Wales might wonder whether the alternative system is worth

### Engineers fund raise

ENGINEERS for Disaster Relief (REDR), who provide experienced engineers to relief organisations to underlake work in providing emergency water supplies, sanitation and shelter, are holding a fund raising day on June 7. II will take place on Buderop Park, Swindisplays of REDR work. Details tel 0256 461161.

### Community studies

THE Institute of Advanced Architectural Studies has drawn up three courses on community

The two-day courses will take place in July, December, and July 1987. They are intended to build on each other. The subjects planned are community courses, community construction and community manage-



Davenant Hallin the East End of London. The front building (aboye and below), dated 1818, will have all its windows restored and the orched opening at the reference of the control of the

outed 1918, will have all lis windows restored and the orched opening at the re-elevation recreated to match the front.

The late 19th century building behind will be repaired and the underroll enclosed with a timber glazed screen so that it can be used as a creeke in the day and as a morting place in the ovening. A courtyard between the two buildingsis to be introduced into a cardon.

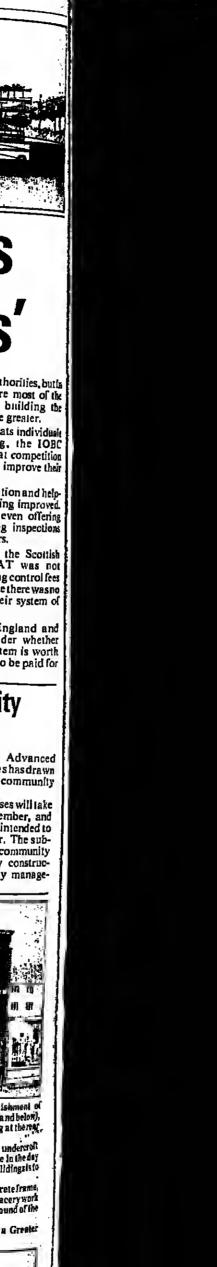
and as a meeting place in the ovening. Accounty and between the two buildings is to be turned into a garden.

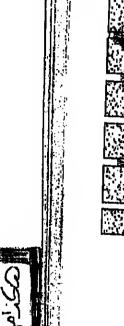
The new building, by architects Matrix, will have a reinforcede oncrete frame, brick clodding and a state pitched roof. The design, including metal tracery work on the front windows will give an "Asian offect to reflect the background of the women who will be using the building", say Matrix.

Both buildings are for community use and were paid for with a Greater London Council grant.







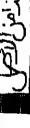


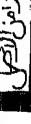




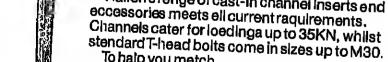












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The Energy Efficiency Office



### Restoration completed after 20 years | manoeuvre

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strongest man)

Plans for a medical precinct around I tenys Losdon's Royal College of Physicians by Regents Park hase been fulfilled, more than 20 years after the completion of the main building.

building.

Next Wednesday the Queen will officially open the restored Nash-designed St Andrew's Place. In 1964 she opened the new college building.

Lasdian has addled on the londscaping of the area between the college ord the neighbouring Nashterrace, but the restoration of the buildings has been carried out by surveyors Cluttons, in a three-year, £5 million programme. The t0 Grade i Georgioo housen are now to be the headquarters of several medical organisations and societies, after years of post-wor decay during a period when the freeholder, the Crown Estote, had government

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department tenants.

After protracted discussions the Royal College of Physicians finally managed to take over the lease, the Crown smartly getting a transfer of the office use to a neighbouring Crown Estate development.

St Andraw's Place books on to the controversiol Diorona sito. The houses, built between 1823 and 1826, were "almost guited" in restorotion, on a precursor of the altempt to put hock many original features. Lasduo's original plan for the landscaping involved extensivo lawns, but planners objected, demanding lic retention of o''street scene".

The recreation of the Georgian look has apparently been so successful that several film companies have already used St Andrew's Piece for period location shots.

sioners have stolen a march on their opponents in the bettle over the future of the Diorama, Louis Doguerre's 1823

Diorama's

tenants to

forerunner to the cinema. Diorama Arts, tenants and proposers of a rivol scheme to ne Crown Estate plans, are uriously lobbying Camden councillors and influential

groups after discovering that the commissioners scheme, by esigned arts centre.

It says the Crown Estate cheme is only so well advanced

### By Lewis Blackwell

compared with Diorama Arts in the planning process because of a false claim that Diorama Arts had no right to submit an

Arts scheme,

An impressive list of backers of the Diorama Arts cause is being lined up. Advisers, trustees and patrons so far include Sir Colin Devics, Dirk Bogarde, Humphrey Burton, David Rob-inson, Richard de Marco, and Tony Smilh of the British Film

has consistently promoted. Their charter includes making special provision for encouraging public and charitable property, Beaumoni cloims. The letter was sent more ihan o monih ago, but n reply is

planning permission months in advance of their own plan for an arts centre going to the planning Their concern stems from the

fact that the Crown Estatchas a case for eviction once it has planning permission.

The arts group is demanding that Camden does not give approval until it can consider both schemes, the Crown Estate's conversion to luxury flats against its own Alan Phillips-

This entailed a High Court ruling earlicr this year, with costs awarded against the Crown Estate. But the spurious claim did mean a potentially crucial delay to the Diorema

One trustee, Lord Timothy Beaumont, has written to the first Crown Estate Commissioner, Lord Mansfield, pointing out that the estate is now bound to seek the most profitable use for the site - a point i

### Building society battle for Drury Lane | expands

Five do

scheme

the displaced residents.

Starting times on sile are

lependent on which scheme

and Town & City fetains the

original building and refur-bishes it to include the private

This means that the council

However, the building is in

poor structural condition and it might be cheaper for West-

A decision is expected in the

THE Society for the Protection

of Ancient Buildings is running

Running from October 6-11,

the course comprises lectures

aod site visits and costs £240. Details from SPAB, 37 Spital

Square, London E1 6DY, 01-377 1644.

THE Architectural Association

ia staging an exhibition of

projects by students of Peter Wilson from 1981 to 1985. "Informing the Object" runs Until June 20.

Wilson years

a six-day course for professionals in the building industry on repairing historic buildings.

would not have to wait for listed

development desired.

uilding consent.

minster to demolish.

Repairing

teach-in

for conservation to int Amante & Dorcester FIVE architect/developer teams are battling it out to redevelop the site of Bruce House, a working mans hostel in Drung

the site of Bruce House, 2 working mans hostel in Drun, Lane, London.

The teams ore Phippen Randall & Parkes with Buckles Way Developments, Delany MacVeigh & Pike in association with Douglas Stephen & Partners with Hillview Securities, Brian Prideaux & Associates with the Carroll Grove Police in the content of its cincle with the Carroll Grove Police in Securities, Brian Prideaux & Associates with the Carroll Grove Police in Securities, Brian Prideaux & Associates with the Carroll Grove Police in Securities, Brian Prideaux & Associates with the Carroll Grove Police in Securities, Brian Prideaux & Associates with the Carroll Grove Police in Securities, Brian Prideaux & Associates with the Carroll Grove Police in Securities, Brian Prideaux & Associates with the Carroll Grove Police in Car

Prideaux & Associates with the Carroll Group, P R Portnership with W Mowat & Sons and developer Berkeley House and Town & City with in-house architects.

### Owner of the 300-bed hostel, Westminster council, said it wanted to replace the run-down Grade 11 listed building withs amaller hostel and develop the rest of the site with offices and

Melatest Cabinet reshuffle is a It plans to provide smaller hostels in the borough to house take sign that housing is low ath Government's priorities. ad the National Hunte Impwement Council this week. Chairman Bernard Dakes Westminster selects, as the roposals by Berkeley House and the rapid turnover in someties of state and housing 200 tousing policy, and Empled the development of my delogue between Governantand housing budies.

Krier described a new urban

Krier speaks out

By Lewis Blackwell He told the andience at the Bartlett school that "anybody who looks at London and chiins achieved by innvenient on font, conservation has gone far and cars kept for "privilege or enough is an idiot or worse".

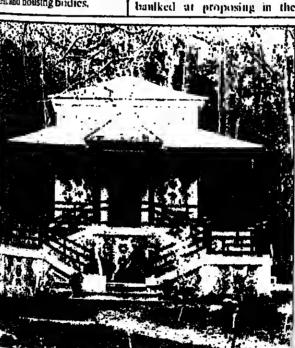
Monuments should be es-A key problem in his view was that a "second generation of tablished as focal points within Modernists is still in charge in the "city of urban communthe schools aml in the planning itirs", us apposed to the Modernist "anti-city of Inactional communities"

After living for 17 years in ondon he still did not know. vast areas of the city, umbaw the idvance of Modernist ideas as a key reason for the "lack o harmony and disunity" by found in the rapital.

ecture hist week.

Krier's alternative is an equally radical reassessment of

the city's planning. But he said that bleas such as knocking down tower blocks, that he und his students had



of Sir William Chambers' lesser-known works has been restured after doing near to the point of no return. The Chinese summer house of Amesbury Mer, Wilshire, is a rare example of Chambers' exute buildings, the Pagodo The Railey House Partnership supers leed the work, paid for by the owners of Ancienty Abbej with 850 per cent English Heritage grant, and support from the Georgian Group.

IRONMENT minister Milan Waldegrave outlined is week to a world conference libiawa, Capada. The British approach would present a said practical way forward and on a country having a said on a country having a soft science base, gelling the coperation of its people, and suches, in reconciling contents, in reconciling contents, and development

### Nice earner

ROPERTY is continuing to / how a better investment inter in their latest analysis uf

terage yields.

Over the last quarter the yield n property investment overall as risen to 7,5 per cent, the lighest level since 1975. Offices have risen the most.

### Down on the farm DETAILED notes on the number, age and type of old farm

buildings are available in a new publication from the Ministry Agriculture, Fisheries & Food. Historic Farms Building Study: sources of information was written by Nigel Harvey and is available for £5 from Frances Campbell, principal architect at MAFF, Room 412a, Great Westminster House, Horseferry Road, London SW1 (cheques

### 'Steer clear

ARCHITECTS are being warned off entering an ideas competition for an advanced

Architects says the competition, offers insufficient prize moocy.



week, The scheme, by architects John Taylor Associates, will mean the central monumental area and demolition of the post-war British Flome Stores building to moke way for a three-storey glass atrium with a glazed roof and walla. The atrium entrance on the Friary only one family (in the White

side will take shoppers lote a central courtyard that leads, via internal areades, to the mula Queen Street Urban Design Group presi-dent Terry Forrell said the qualities of Krier's work merited

The centre, called Queens West, will include 21 retail units and a food a nuijor exhibition in Britain. of start on site in June, with unit The group is considering establishing a permanent office olesign for the centre of the null meeting place as part Huited States capital, Washing-plans for a major expansion. nul meeting place as part of

Guardion floyal Exchange has olso submitted revised plans to Cardiff council to replace the ill-fated

20 smoll shops, a large retail nult, a medium sized store, a food court and a

### At last an exhibition designed for the specifier, not the salesman.

year, which proved to be far

He admitted it was a "radical

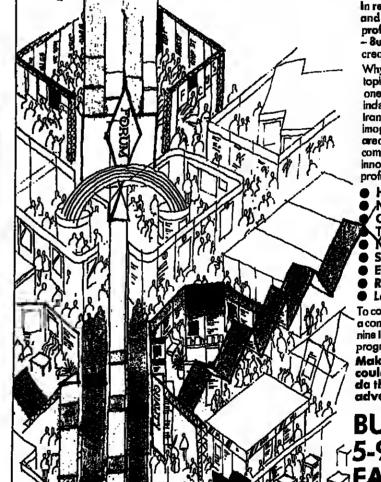
infill", flooding part of the

building housing on much of the

rest to bring around 80,000

people to live in an area where

House) currently live.



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To complement the themes, the exhibition Forum will have a continuous programme of events to further reinforce the nine theme areas and their role in the Industry. A complete programme will be published before the nhow.

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Bricks' added strength

A major retoining wail is likely to be the first application of the breokthraugh in brickwork technology achiaved by consulting angineer Bill Curtin (revealed in BD, May 23).

Curtin, seen on the right hare with Geoff Edgell of British Ceramic Research during the testing of bis revolutionary post-tonsioned brick diaphragm wall, said thin week that the new construction methad could provide o relatively iow-cost horizontal pressure such as at football grounds, bisats, or other major. The losts, carried out with the support of brick manufacturer George Armitage & Sons, hove effectively proved a way of transferring the compressive strength of bricks into high tensile strength.

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information city in Japan.
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organised by the Japan Association for Planning Administra-tion and Mainichi Newspapers

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the price

and lends itself to hyphenation,

eg Gordon-Smythe, which is

I HAVE read your review of the History of World Architecture series (May 16) and while I

totally agree with you that paperback editions of standard books should be encouraged

and welcomed, I feel that in this

case you have not done justice to

From Geoffrey Broadbent, head of school of architecture, Ports-

AS an implacable opponent of House Square, I should like to say how much I admire Peter Palumho for going away after the secretary of state's decision, licking his wounds and appointing some of the finest archiects of the century — to replace the most hyped and hellowers. hallowest of men - to do alternative schemes for him.

In principle also I like the alternatives, especially the one with the "boot-shaped" section which retains Mappin & Wehb. That is very much how I believe the site should be tackled, except that I would have tried to retnin a few more of the buildings which give the site its unique character, such as linyford's Curner and the Green Man pub.

But niy arguments agninst on huilding performance. In my view his tower would have been n good deal worse thermally, acoustically, in terms of space provision, circulation etc than the existent bulldings, whereas if their Stantsgallerie is anything to go by we can expect from Stirling and Wilford some very nigh levels of performance.

Since the Grand Buildings fiaseo, elearly London needs some statement that arehitecture has not stopped or even been frozen in the 1960a as it would have been by Mies'

for Palumbo. Since office needs are changing with the "Big Bnng", how would be have accommodated the necessary floor heights and widths which Stirling and Wilford's schemes allow - if he had been stuck with Mies' tower? Geoffrey Broadbent Portsmouth

### Preaching of bad losers

From John Seifert, Seifert Lid 1 REFER to your Comment section and nriicle an Limeliouse Basin (May 23). The views expressed are misleuding and often factually incorrect.

Neither you nor Amandu Buillien thought it necessary to consult us on the details of the

In your Comment section, you state that the issue is "one style of development against another", and "the advantage of breaking down uses and buildings into manageable sizes rather than pursuing gargan-tuan concepts". Our client's development is not a gargantuan concept. The majority of the buildings were three and four storeys high, and if you had scrutinised the plans, you would have seen the extent of space made available for public pedes-trian routes, quayside walks and

You have failed to report

in fact 440 housing units, and most huildings are single famile houses with gardens. There is 2,000sq in of shopping space; 10,000 sq in of offices; a ubstantiol sports club; a holiday craft hire centre; a boat yard and boat club; a marina for 90 boats and 15 narrow hire craft hoats; marina facilities with marina related shops of 400 sq m ond a huat hnist; s Harbour Master's affice, two public

The maximum amount of shopping was specified by the LDDC.

You state that at the public inquiry, criticisms were levelled ut the scheme from "every quarter". This is not the case and is a material inoccuracy. The local planning nuthority — the LDDC — supported the project. In fact, you mentioned later in your piece that they were ininded to grant permission

before the inquiry was called. The objectors at the inquiry. and indeed those who are now trying to stir up opposition to the scheme, were themselves competitors in the competition, in a group with Bovis. Couldnot their criticisms emanate from self-interest?

It is our understanding this from the regeneration of the Limehouse Basin in terms of jobs and recreational facilities. You say that the LDG had their proposals brushed aside. This is not the case. I know that they were given an equal opportunity with the other competitors to curate price of the houses, and you do not mention that over 10

matter within the total respon-

Contrary to what you say, the LDDC road plan will not prevent the implementation of

our client's project in accord-

ance with our client's pro-

You also refer to an inac

sibility of the LDDC.

houses, and a restaurant. The scheme will provide living accominodation for over 1,843

Where their proposals differ is that the LDG have included land outside the boundary of the BWB ownership, including the land to the north of the viaduct which, as they know, is affected by indeterminate road widening plans. Their issue then is with the strategic planning of the area, a

self-appointed group does not represent the local people in the irea, who will materially benefit

accurately the content of our scheme, presumably moder to give the impression that it is not socially conscious." There are in fact 440 housing units and In conf Comment section, you other architects, who I understate that the LDG scheme stand were all involved in the represents a more coherent recompetitive commercial schdevelopment of the area. This

Cine.
Tom Hancock's statement statement does not stand up to scrutiny. We are told that the that is nrixed use would make LDG's proposals are still "in much greater return for the embryo form", but this is two hoard shows that he has not years after the public inquiry studied our scheme, which is was held. Furthermore, if you study the aeriol sketch of their mixed use, and that he does not know of the limitation placed on scheme included in your article, us by the LDDC in respect of the you will note that within the site scale of the shopping content. which forms our current derelopment, the three main areas their contacts with the media to to the south of Limehouse Basin paint an utterly false picture of the BWB/Hunting Gate prowould be far more densely developed in the LDG scheme.

They also include housing; a luxury apartment block which The scheme will start on site shortly, and local residents will appears in be eight storeys, then be able to see for themselves floating ennference centre and the qualities that the scheme will hotel, and a massive sevenembody, rather than being storey block of workshops and preached to by a competitor studio flats, with no mention of who hasn't the grace to accept the results of the competition. how the huge car parking requirement this would generate With the prominence given to would be accommodated compare this with our "gargantuan" three and four storey family houses.

this issue in your paper, readers would have expected you to have presented accurate facts in an objective manner. This is necessary if we are going to have a serious assessment of urban renewal developments such as this, and free the future of local residents from quasi-political

A victim of sour grapes

From Roger White I IMAGINE that hundreds of nistorians and architects will have taken offence at John Wells-Thorpe's denigration (May 16) of the RIBA's Draw- Longon SW4

It shows a crude incomabout the collection, and it has are really the views of the institute it is time we all began demonstrate our support for achievements of the collection Portman Square, and its healt future when the Coartsul Institute moves to Somern

House in the summer of 1989, According to my archite friends, the RIBA Council by been duped into believing the there is no case to snawer fi Portman Square.

It also appears from Well Thorpe's letter that he has like iden of either the primary mportance of the collectionas tool of international scholarshi or of the extreme undesirabili of individual drawings being subjected to handling by "the vast number of people using 66 Portland Place". Has be ever looked at any of them for any reason other than idle euriosity and does he realise how much physical space is required by serious students? And why or earth should "over-the-count er" accessibility to such seriou students be totally unrealistic

when it already exists at Portnan Square? Of course, there can be n truth in the rumour that the present director of the library in manic about having the collection more firmly under bis control. Nevertheless, it is hard to escape the conclusion that there is much sour grapes around and that the collectionis the victim of petty internal politics, in which the regular more or less certain or un users - including the cream of the world's arehitectural historians - have no part and no

interest.

Letters

Alice's awful arithmetic

a constantly asking for it, I will mough she probably won't like

Coleman asserts that science and probabilistic sections. She talks and writes without due

Her soi-disant "scientific" divisions iato two parts is puerile fourth-form "A" or ault-A" Aristotelian deductive teasoning and has nothing phatever to do with truly and the experimental method of paning knowledge.

Probability theory is: (1) an

coion in logic; and (2) a purely inited sub-set of number beory in mathematics. It is not a separate field of

sience to be set against deter-minism. Determinism is in itself es a scentific study, but F purely philosophical concept. It has no scientific value whatever. For, whether considered in objective existence or in formal baje, things in themselves jus meandevents just happen, there uneither certainty nor probabi by in them, only in our judgment of them which esn be more orless probable, which is tu say

Thus the distinction that Coleman tries to draw is one minout a difference, it is only another way of viewing the subjective value judgment and in no way a scientific method. So

much for logical argument. As to muthematics, what probability theory does state, and states very clearly and cerminly, is not all problematic. The certain, indeed deter-

mined, formula of probability by the statistical method postu lates that in a series of events mutually associated with one or more series or sets of mutually exclusive events, the certninty exists that one and only one of the two mutually exclusive events can take place at mny one time. Coleman really must concede me this or else all is lost.

For example, if there are a collection of black and white chips in a box and you are expected to choose one only a n time, you will either choose black or a white and in choosing a black you news exclude the white. The mathematical conchision from probability theory is that the probability of the appearance of an event is the same thing as its relative frequency when the number of cases is very large. Frequency is therefore the measure of probubility and the test of mutually

exclusive events. If, as Coleman postulates, we are to test design by crime statistically, we must then measure (keeping design as our constant the mutually exclusive events of crime and non-crime.

For instance, and by all means, let us measure Wigan House Estate's alleged "reci-

yer's design(1) having remained constant, the variable to be estates against the almost infinite number of probabilities on somewhat priggish Roger Gor-Coleman states (and who am I to argue it?) that this has come to equate to a rate of one crime per flat per year, which if memory serves me well means just under two crimes per week. Hut since frequency and the reciprocal true that the measure of fre quency is probability, then we have to say that if there are really two crimes per week at Wigan House there are also at least 98

cases of non-crime per week on The chances are (using the principle so beloved of statistical scientists) prohably about 50 to one therefore that you will not be killed, mugged, raped, knifed, robbed or driven mad on the Wigan Hoase Estate even though Herb Meyer was the certifying officer signing the architect's interim certificates and not Hunt Thompson.

I have not had the pleasure nor do I particularly care to, of supping from the tables in Aliee's restaurant, but just as the plate is not the soup, so the message I receive from the statistical medium of Coleman's conclusions are as problematic ns her science is non-existent.

Coleman makes much of 82,II00 observations uver 4,000 estates. Simple arithmetic means less than 21 observations per estate, surely a miniscule sample for a statistical exercise that if of nny validity must deal with very lurge numbers indeed?

As Leon Krier (no relation) stated in another context: "whnt is fill years of confusion against 3,000 years of certainty?" What, indeed, are two crimes n week world and as such it is purely n | divist" crime-wave. Herh Mn- | ngainst 98 non-crimes a week?

the equally numberless quantity of all possible estates? Cole nian's compendium is miniscule ngainst the mathematical aniverse of all probabilities. She i counting performing fleas while lions are at Inrge in the streets.

In the long run (and this is certain) all statistical analyses return to the normal distribution curve. I give LeaView, give or take five years either way, catch up and possibly pass Wigan House in crime rate—all other things being equal, of

From NE Wigg
PETER Hutchinson's scorn for
the "semi-d" is misplaced
(Letters May 16).

Aesthetically it usually is disaster, but as a house type it has evolved and is still very popular because it gets closest to necting the housing needs of nany. Perhaps architects should try

nrises, to make the type more visually attractive, rather than sneer at it.

### On the path of Roger Smith

From Andrew Countigham
ROGER Smith of Glossop mas

somewhat priggish Roger Gordon Smith for his excessively proprietorial attitude to his

Gordon Smith arrogantly ssumes that the author of the highly intelligent letters, the other Roger Smith, can only be an architect, and since he cannot trace him, the letters must be pseudonymous. Has he not considered that there might be a chartered surveyor called Roger Smith who might be capable of writing clever letters at the expense of the architectural

There used to be a Professor Roger Smith at the Royal College of Art who wrote architectural history books before the First War; it is just possible he might still be alive — has this been checked out?

perhaps worth mentioning here that the name Manser is possibly

derived from the Arabic mon-

sour meaning gay (in the old-fashioned way).

This all goes to show how

careful one must be when

changing one's name. I wonder

if Roger Gordon Smith ever considered putting a "y" in

Smith to convert it to Smythe?

The complete hardback edi This seems the sort of enquiry tion in 14 large volumes has been and still is a highly successful which might well attract an RIBA research grant. A footseries at £295 per set. Not a had bargain for the real thing when note to the final report might record the interesting fact about the name Roger that in 18th the condensed paperback set costs £233. century England it was the And for the three volumes favourite name for a bull (as that have been split into two parts (Oriental Architecture, Polly was for a parrot), hence the colloquial verb "to roger". The name Gordon, while hinting at Ncoclassical and 19th Century Architecture, Modern Architecconnection with Lord Byron, or ture) it is in fact cheaper to buy perhaps Gordon of Khartoum, the original than the abridged also occurs in an unrelated form paperback. Shella de Vallee London W2 as a Russian-Jewish name (according to an article in The Times). The Russian Gordons have thus nothing to do with the Scottish or "Gay Gordons". It is

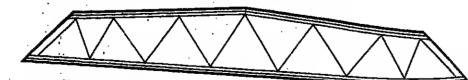
Letters

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CLYDE Petroleum, a Britis! independent oil company. commissioned this unusual library and office building to complement its newly restored and converted headquarters at Coddington Court, near Ledbury, Herefordshire.

London architect William McMorran was asked to come up with purpose-built offices, conference room, library and staff facilities for about 30 people immediately to the west of the 18th century three-storey brick house and granary. The client stated that the offices should be cellular and allow for as little sound to be transmitted as possible. The architect was also expected to respect the beauty of the court, with its lawns and ponds, and of the surrounding district.

McMorran's solution was to use natural materials to deman- Clyde Petroleum's new office and library.



strate how the character of the new structure could be derived from the elegant 1780s south elevation of the court and the vernacular buildings of the area. The two-storey building is designed on a square plan facing south to the Malvernsand lying parallel to the count. Offices surround a ground-floor library and first-floor secretarial gallery, both of which are hi naturally from the central glazed vault above. The barrel vaulting, south

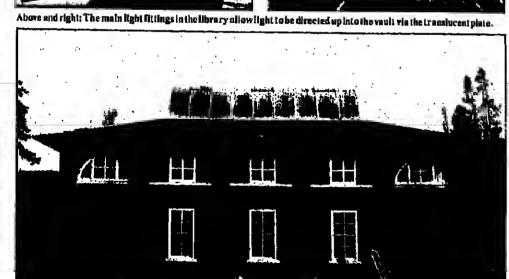
screened wall, conference room veranda and low sills to the ground-floor windows are intended to suggest a "garden" building, such as an orangery, which complements the court.

Apart from the double skin polycarbonate roof vault and south glazed screen, the construction is mainly traditional. The building uses a number of heat regulating devices, includ-ing electrically operated gull-wing opening roof lights and blinds to cut down solar glare and radiation and reflect internal lights ni night.

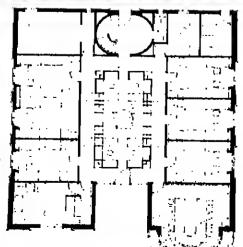
Architect: William McMorany Clicht: Clyde Petroleum. Quantity surveyor: Todd & Ledson. Struc-tural engineer: Anthony Iluni. Mcchanical engineer: Brian Peak. Cantractor: G W Harris. Cost. 1360,000.



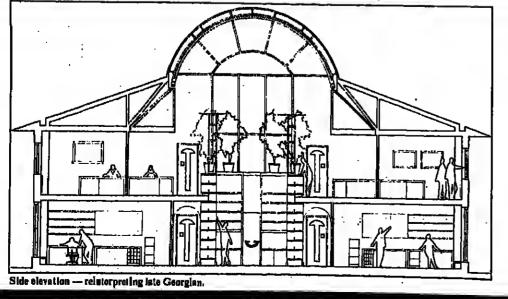
Bitnds are electrically operated.



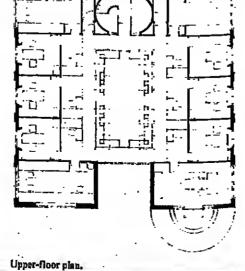
Section showing gull-wing opening roof lights.



Ground-floor plan.



Stairs are lit naturally



elore and after: Edward Erdman were project topping centre refurblement.

Infill

### The customer's always right

ARCHITECTS designing the shopping centres of the late 1980s and 1990s need to think in terms of buildings at once more efficient and more attractive than those of the 1960s and 70s, says leading development surveyor Bob McKenzie.

Tony Aldous looks

into the retail

revolution of the

1980s which is

having a profound

effect on shopping

centre design.

of competition. The market, he says, is no longer expanding inexorably year by year. Rede-

velopment — or upgrading by radical refurbishment — needs

to gear a shopping centre to compete qualitatively if it is to

The way retail chains operate has also changed in recent years in ways which profoundly affect

shopping centre design. "Simple

oblongs 18ft × 50ft deep" are no

longer the order of the day fo

He believes there are very few British architects who really understand the design of shop-ping centres — "perhaps only a dozen in the whole country".

McKenzie is partner incharge of development and consultancy matters at Edword Erdman, one of the leading halfdozen commercial agents, and specialist in shopping. An FRICS, he has been with Erdman's for 21 years. Future shopping centres, he

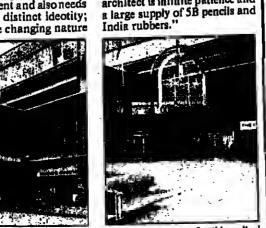
believes, must be more efficient abuildings, for several reasons. First, developers now necesuniy look much more critically at both capital and running costs, In the "never had it so good" years of the 1960s, the oper's attitude was often: "Build some shops quick in a legical location, with a bus on at one end and a market at the other. Never mind about efinements — get those shops built fast "

"In the 60s," says McKenzie, "there was never any difficulty about letting shops; it was almost like taking orders. Now that's changed. The whole thing smuch more thoughtful; there's much more attention to integratiog a shopping centre with other amenities, and with the town centre as a historical

He points to several crucial changes which affect design. In general, shopping centres are likely to be simpler structures underground and roof-top servicing have proved expensive and make it difficult to bring natural light into the building; and they are less likely to befully air-conditioned because that kindof development has proved difficult and expensive to manage. That means higher service charges, which in turn put a brake on the growth of rental

Within new centres, the demand is for a "distinctly enhanced specification". For putestrian eleculation areas, developers are requiring "a much more thoughtful appro-ach to ceiling and wall cladding, to be quality of floor finishes, to density and subtlety of shing. They want natural light wherever possible, and land-icaping with water features. They are demanding much more sare in the choice and design of their likewise for signing. he; likewise for signing, fubbish bins, furniture and everything that goes to create a much more stimulating ambi-

McKenzie points out that outof-town shopping centres — seen initially as an efficient way to market convenience and bulky merchandise - are now becoming more glamorous. This is one reason why any new in town shopping centre needs to offer the shopper an attracfive environment and also needs 10 establish a distinct ideotity; another is the changing nature



Flights of fancy

Rilz for lelling you know that summer has truly begun. Protected (just) from the noise of the Iraffic in Piccadiliy, you can wander about on the Astrolurf drinking and drinking in the almosphere, and speculating how iong it will be before the rain starts. As it did the other night, when I attended a reception for the unveiling of a clutch of new rooms in the hotel, (designed by Dennis Lennon, managed by Trollope & Colls). A display board explained how the new rooms had been arrived at, by combining a series of much smaller rooms. The net oulcome, as the board proudly announced, is that the Ritz now has fewer rooms than it has ever had beforel This is taking oxclusivity to the ilmits, but Is quite a nice example of

Another and much more important example ia Norman Foster's new terminal for Staosted Airport (or the

THERE is nothing quite ilke drinking amusingly described). Foster has done champagne in the italian Garden at the what many have been wanting a British architect to do for years - ercale an airport building which has the ciegance and style of acropianes themselves. The ootion that it is impossible to create a beauliful lerminai building, a notion given increasing currency by successive developments at other UK airports, has been laid to rest.

One of the pleasant things about the

Slansted proposals is the way the roofline has been kept free of bulky plant rooms, air-conditioning outlets ete which are surely the mination of mony modern commercial bulidings. At Lloyd's the decision to place the service elements unushamedly on the outside is cleorly part of the design concept; for loo many office buildings, howover, the lumps and bumps on the roof are evidence of compromised designs which on the one hand wish to preaent facades which act as a skin, but which on the other hand are "Third London Airport" as it is incapable of incorporating all the

The Editor's Comment

working parts. (So many "flat roofs" are flat only in as much as they are flat round the bits of the building that rise from the roof. Mansard roofs have come in for attack in some quarters, but one of their great advantages is of completing a roof-

line consistently.)
Airport terminals are virtually the only transport building type in which it is now possible for grand architecture; raliway stations, since the demise of stenm trains, have no need of the great "eathedral" designs of the past, which is why modern stations, at least at the main termini, arc so boring. By definition airport terminais are about functioo, bul at their best they ore also about bringing exhibarotion to the otherwise tedious

Enter 15 ON EXPRESS



Festival flair

Michael Heseltine recently opened the Transworld Firstlyal Condens, at the Garden Festival site on Merseyside which he helped to establish as secretory of

state.
In the last (wu months the 30ha gordens have undergone £3 million of refurbishment supervised by the architects and landscope planners Surgent & Pottriadis.
The work hos included the introduction of fun rides included right) and there are plans for a further £5 million development including on artificiol hill and a water course. Aleans hile, the newly appeared National Garden Festival at Stoke has an architecture pavillion put together by the North Staffardshire Suciety of Architects with help from the RIBA and the north-west region (above).

### Luxury in the park

Right: Phippen Bandali & Parkes have designed a luxury 114-home development near Begent's Park in

orises units ranging from £75,000 to 2500,000 and includes a central

underground parking.

The first huases in the desempment will be completed late this year with



refuge Left: The Russian radioactive cloud which passed over Britain recently has led to renewed interest in James Crobtree's nuclear shelter (BD tast

The architect is pictured inside his £10,000. Subterrene shelter, made from helical steet and patented fo

He admits that less than ten of the shelters have been installed for private buyers in the UK, but the Federation of Nuclear Shelter Con-sultants & Contractors is lobbying Government for a national shelter



Nuclear



### Domes of discovery

Four geodosic domos have been installed of Laneaster university as part of o study of pollution.

They are greenhouses supplied by Rosedaic Engineering and odapted by the biology department to investigate

the effects of acid rain on plants,
The domes, which are 4.6m in
diameter and 2m high, house a
controlled environment where mixtures of pollulants and climote can be
simulated and monitored.





### **Geldof speaks out on Dublin's unfair city**

NEVER one for diplomatic understatement, "Saint" Bob Geldof, who has raised some £150 million for famine relief in Africa with the aid of his architect campaign director, Kevin lenden, has turned his wrath on the destroyers of Georgian

Countess "earbuncle" Spen-

is not thought to be among the

contributors this time, however

But any repeat of the foolish

speech will be met with equally short-shrift. Botten down the

CONTRARY to reports, Owen Luder's nomination for the UIA presidency was being lined up as

early as last summer, unbe-known to the UIA or the now unofficial eandidate Rod Hack-

Luder waited on the sidelines until the "Divided Britoin'

controversy hit the press in the

antumn. The "innofficial" approaches he received from the

RIBA just happened to come from the president and the

It has also been disclosed that

the policy committee's "unani-

mous" support for Luder was

of council have also expressed

surprise that so many members in the regions abould have

'spontaneously" written to

"spontaneously" written to Larry Rolland saying that Hackney was "unsuitable".

A eall to Hackney from Rolland the morning after the council meeting would have made an amusing sketch on the satirical radlo programme, Week Ending. I gather the giat of it was: "Wel, what do think of that, Rod? Ha, Ha". To which came the reply. "Owen and I are

Historical

approach

Invited to a civic reception in his honour at the Mansien House, Geldof let rip: "This city what he has to say could be on a as become increasingly bruta-Bed". Most of the places he ges up in had been replaced by the most mediocre, maesthek, architecturally inarticulate buildings I've ever seen in my

"They are a scandal. They can only be the product of back-handers, political corruption and moral degradation," he

The City Fathers were under-standably taken oback by this outburst, reported in an excellent book just published. The Destruction of Dublin, by the Irish Times environment and planning correspondent, Frank McDonald (Gill and Macmillao, £7.95).

Ireland's answer to Oliver Marriott's sentinal book, The detective novel. Many of the facts were culled from the Emerald Isle's own Private Eye,

Sam Stephenson, Arthur Gibney and a host of other familiar architects and developers (eg Harry Hynms) feoture, and I rather liked Sam's response to a critical approisal of one of his buildings: he railed against "noisy lynch-mobs baying around the drawing board" and said that, above all, the architect needed "courage and an understanding of historical perspeclives to armour him against character assassination and sec him through the Kafkaesque labyrinths of conservationclaque controversy".

Elequence almost worthy of Saint Bob himself.

### Names to ponder

WHO are Britain's three leading Mchilectural experts on inner Olyregeneration? The question rises because the American hing an exchange of top names
to visit projects in each country
later this year and compare

the structure of Architects is planchat when I get back from the
AIA Congress..."
The end? Unlikely. later this year, and compare

The experts put forward by Harrison (RIBA secretary), David Atwell (RIBA director of public affairs) and the hardy perennial Ken Martin, head of Liverpool poly school of architecture, media man and fastrising star of the RIBA's Community Architecture Group.

### **Appointment** with fear

FRIDAY June 13 could have a particular significance for the RIBA, eveo for those not normally superstitious.

Altempls are being made to identify possible speech-writers for the Prince of Wales, who will be: presenting The Times/ berlin.
RIBA Community Enterprise Building Design, June 4, 1976.

10 years ago SEVERAL well-known men

bers have failed in their bid to become RIBA councillors. Unsuccessful caodidates in this year's council elections include Ray Moxley, Robert Forsyth, Jane Drewand David Keate, as well as Tom Markus, Sherban Cantacuzino and Peter Cham-



### At last: a render you don't need to decorate.

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the normal time while

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1-2 weeks' delay for curing

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Tha key: 'one-cos

research and development

dents accurately pre-mixed in the aama bag, neading only the addition fied, too, because a single water, saves product specification is now sufficient to cover all well as cutting out the rendering needs - internal gueaswork that can cause time-saving comes from and its unrivalled experinot needing to return at a later date to decorate ence of the building industry are enabling today's

white finish is required. This one-cost technique algo means that there is no risk of layera separating. Aceidental ehlpping will

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came the reply, "Owen and I are friends and it will be a clean fight. May the best man win". Slience. And then: "You aren't still proposing to stand are you? I think we should have a

### Castaways

THE first ever entry from the Scilly Isles for a Civic Trust award - Poynton Bradbury's Longstone Centre - has been rejected. The reason was not quality, but that the trust for got the islands' existence.

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Enjar 16 ON EXPRESS

A TIMBER framed house in Ferry Wood, Selling, Kent, with two bays, probably daing from 1880 was included 1580, was included on the register as a Grade II-listed

It was eased with red facing bricks on the west and south sides, with clay tile hanging to the first floor of the west elevation.

The east elevation, formerly of timber framing with wattle and daub infilling, had been covered with a lean-to single storey outbuilding under a "catslide" clay peg tiled roof. The north elevation was clad with tarred weatherhoarding. The roof was hipped at the southern end, gables of the north end, and covered with Kent peg tiles.

The windows were small casements, some of cust-iron dating from about 1800.

In the timber-fromed rear wall there was un original oakfmmed window with diamondcut intillions. To the north of the house there was a single-storey oak framed outbuilding with weatherboard cladding.

Planning permission was gmated on March 19, 1984, for the construction of a single-store.

the construction of a single and two-storey extension.

An enforcement notice complained that the development had not been enrried out in accordance with the approved plans and specification.

The requirements of the notice were to:

(a) remove the new roof to the studio, take down to original caves level (single floor) and replace by a pitched roof without fenestration: (b) reduce the overall size of the

front porch and remove the windows in the side elevations thereof and fdl in with sultable (c) remove all new windows

(other than those in the side elevations of the front porch) and doors.

The owner appealed and submitted that although the new windows were of mahogany, they would weather to resemble oak and that the sections of the window frames were haadmade copies from windows contemporary with the appeal building, found at Chilham

They were in keeping with the period and style of the house, he

Investigation had revealed that the roof of the barn was tottea and its complete replaceatent wna necessary. It was pitched at about 30 degrees, and in order to hang peg illes, to match the main house, it was necessary to increase the pitch of the new roof loat least 45 deg. It was logical in these circums tences to raise the weils of the building and insert windows, to make use of the additional roof

The focal authority, however, claimed that there were 35 varietions from the approved plans, "including new dormers, a new first floor to the single-storey outbuilding and different and inriger windows on all elevations. There was a new chlimney slack, an extension of the rearward projection of the new building liaking the main house to the barn, and differences in the details of aimost all new external doors and windows. The porch was larger than

shown on the approved plans". The inspector with delegated authority wrote to the appellmat: "Before the works which you have undertaken were commenced the appeal building was a typical Kentish cottage of modest scale and wholly traditional appearance.

"The perbussion granted by the council allowed a considerable extension to the original building, but sought to preserve the scale and character of the former dwelling.

"Your scheme as built talthough not fully complete) increases the volume of the building beyond that permitted.

"In my opinion the focal authority were generous in their recognition of the need to extend the cottage to meet present day requirements, and I share their view that the further extensions have overwhelmed the original structure.

"This is particularly the case with regard to the barn, where what was once a detached outhuilding, that would have

been a single-storey appendage in the approved scheme, has become a substantial two-storey wing only a little lower than the

"The matter of scale is also relevant to consideration of the

"Sinall, simple windows in small panes are characteristic of the cottages scattered in the

Kent countryside. "The larger windows which have been inserted create a balance of window to wall which is alien to the character of the original cottage and creates an npression of over-fenestration.

"Moreover, all the new windows are of modern materiala and unusual design. In these respects, they have no affinity with the old building which they

should complement. Westhering of the timber would improve their appearance, but not sufficiently, in my opinion, to render them acceptable."

enforcement notice, with all its

Swale Borough Council

from which people can fire." On April 30, 1985, Barnsley council issued an enforcement notice alleging that this condi-

He therefore upheld the

The council submits that the condition relating to the number of stands sought to ensure there would be no more than one gun being fired at any given time. But I do not consider this further restraint can be read into it. shot down "Should, for example, a

condition state that there shall be only five car parking spaces where people can park their ears, I do not think it could reasonably be interpreted as meaning that not more than one ar at a time can be parked

tion had been breached.

On appeal, a DoE inspector

shooting et clays ahall not take positions within the permitted been exceeded. Consequently, I

Earlier, he had commented: "Whatever may have been discussed beforehand, or briefs or reports made, it is the development proposal as finally approved which is the decisive

"The notice of decision dated December 11,1981, is the formal

sion for the use of land for a clay pigeon shoot subject to contpli-ance with certain conditions." T/APP/B4405/C/85/1991/P6

Planning

**Attractive** investment?

force and he claimed that necessary repairs would cost

The council contended that since the house was now in the West Hill Conservation Area, designated in 1977, it had become an attractive investment and could be reinstated for housing.

The inspector, with delegated powers, who heard the appeal,

"The financial implications of refurbishment are a relevant factor in this case and bearing in mind that the upper floors have been empty for 10 years I amnot convinced that there is a realistic prospect of refurbishment for ousing purposes.

"I therefore consider that as regarda the first lasue an excep-

tion to the housing policy could be justified in this case."

But he turned down the appeal on the ground that "the introduction of a storage use in the ground floor of the appeal premises would significantly detract from the character and appearance of the stretch of the

strect". T/APP/N1405/A/85/033103 Brighton BC

### the courts

LEACH House, Thornley, had not been in residential use for a considerable time and it was in part of the Forest of Bowland area of outstanding natural

beauty.

An application for its restoration to residential use and for alterations which would moterially alter the appearance was

It was said by the inspector who heard the appeal to be: "in poor repair, with large areas of the roof uncovered, and with some window and door open-

ings entirely open.
"The question of whether it hos any lawful use is a matter for the courts.'

He decided to grant planning permission.
"This traditional building is

in a close relationship with others, and, as I saw on my site visit, is set into the rising ground to the north.

"It has a character sympathetic with that of the landscape.

"There would be conflict in the atructure plan and other policies restricting development in the countryside forming part of the Forest of Bowland area of outstanding natural beauty, but the proposal would not cause demonstrable harm to interesta of acknowledged importance."
T/APP/T2350/A/85/0400778/

P2 Ribbie Valley BC

### DoE ruling quashed

AN application for the residential development of 5 acres of land in Witney, Oxfordshire, was refused by the local planning authority and upheld on appeal by the secretary of state.

But the High Court in the case

of Pye v Secretary of Stote far the Environment on April 22, 1982, quashed the decision of the secretary of atate.

The main reason given was that the secretory of state had failed to take Into account a material factor, namely his own circular, DoE 22/80 issued between the submission of the inspector's report and his decision letter.

In his report on a reopened inquiry, the DoE inspector said:
"Witney has been identified in both the approved structure plan for Oxfordsbire and the proposed alterations as an area to which most housing development will be steered.

"Irrespective of this, I take the view that the proposed development could be regarded as limited rounding off of the existing development in this part of Witney and that if it were permitted this would oot be seriously prejudicial when con-sidering the Witney Town Map. "I do not consider, after taking into account the provisions of Circular 22/80

and of the advice contained in relevant subsequent circulars, that there are now sufficiently strong and clear-cut reasons to preclude the proposals." The secretary of state agreed

and granted outline permission subject to the usual conditions. APP/5356/A/79/11550 West Oxfordshire DC



T/APP/V2255/C084/3379/P6

PERMISSION was granted on December 11, 1981, for use of land near Westfield House Farm, Silkstone Common Barnsley, for clay pigeonsbooting subject to a condition:

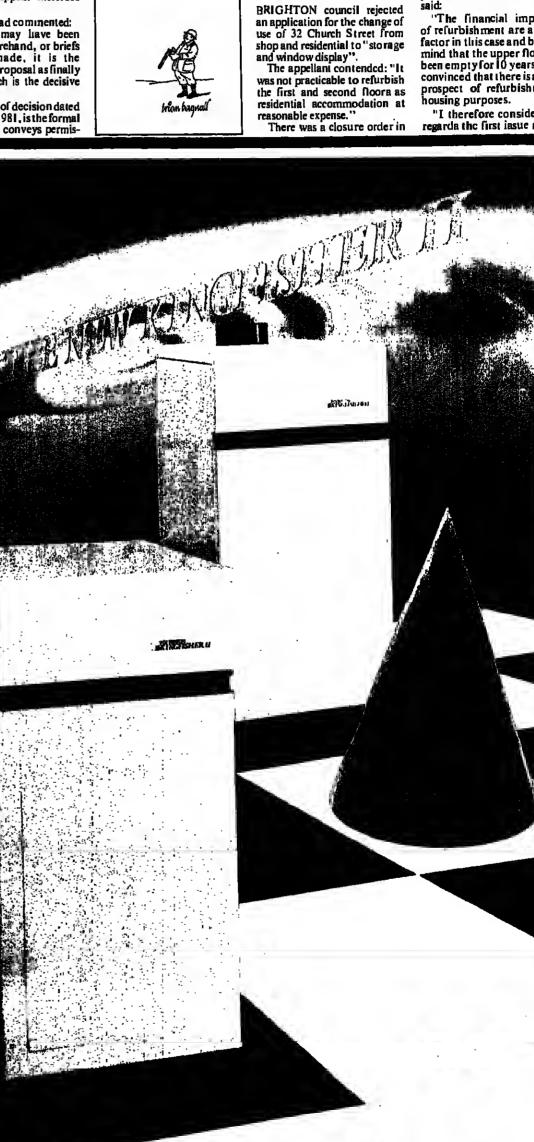
"There shall be only five stands

"Condition 3 requires that the place from more than five firing area at any one time. There is no evidence that this number has find that the condition has been complied with and there has been no breach of planning control. The appeal therefore

consideration.

document and conveys permis-





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POTTERTON

an appeal against refusal of outline plaining permission for the residential development of a site of 3.5ha in Crowthorne,

The inspector, with delegated authority, who heard the app-

"Marin issues in determining the appeal were:

"firstly, whether there is a shortfall in land for housing in terms of Circulars 22/80 and 14/84 such as to create a particular presumption in fav-

"secondly, whether the development fell within the scope of Policy 156 of the Central Berkshire Structure Plan, which provides for continued development of small sites on the fringes

and thirdly, whether the deve-

The concluded: "The develops contwends the general presump convers, who heard the appeals ment of this site on landberween. Tion in favour of development. the existing housing and the spine road represents an entirely logical extension to Owkmoor... "Whilst the site is of the order of 3.5ha, I consider that withouther cortext of the substantial Owlsmoor housing area the site could reasonably be considered to fall within the scope of Policy Hoas a small rounding-off site.

"There is no strict definition as to the appearsize limit of such a site: the guideline of the for referrals to the county council does not provide a definitive rule as to what does or does not fall

within the scope of Policy II6. and I am satisfied that the important factor in its relationship with the existing built-up areas is that in this case ft

envisaged by that policy. "I do not consider that development of the site would materially infringe upon the countryside gan between Crowthorne and the Owismoor/ Sandhurst area, nor provide a precedent for encronchment elsewhere into the countryside.

comprises a fringe site as

"The site constitutes a rounding-off of the Owlsmoor housing area and judging the propo-sal on its merits there are no return the application and

"In these circumstances and in the context of the advice in a tions are well designed and in pringraph 8 of Annex A of sympathy and scale with the Cheular 15784 that even were existing building there to be a five-year supply of frousing land this should not preclude residential development on other sites, each case still to be considered on its own

'Whether or not there is a shortfall of libraring laid does not therefore hear upon my

He therefore allowed the appeal strhject to conditions. T/APP/C0305/A/85/031399/

extension

"ST MICHAEL'S Royal", Mountnessing Road, Billericay, lies within the generalised green belt in the approved county structure plan.

An application to install dormer windows to provide two extra bedrooms and a bathroom in the roof of the existing

reported. The alteration to the morth, front, and south eleva-

existing building "In particular, Unideethat the flank profiles of the front and rear dormers as seen from the south would merge imobstrusively with the tiling and ridge line of the existing roof which would appear behind them on the north side."

He rejected the council's argument that the increase of 57sq m would increase the occupancy potential from four persons to between seven and

He therefore allowed the appeal and added in his Decision Letter to the appellants: "A relevant change in circumstances has occurred since the 1981 appeal decision was made. "In particular, I have had

regard to the fact that your children are now of the age where it would be appropriate for them to have separate bedrooms — a factor which the nspector did not consider to be pressing at the time of the earlier

appeal.
"Furthermore, the council has relaxed the Boorspace limit since 1981 to reflect the more

 liberal tolerances of the General Development Order.

"Although your cliems" proposal exceeds the limit, it seems to me that the relaxation in itself demonstrates that an unduly rigid approach should not be tollowed."

1 1117/111515/A/85/036239/

"THE existence of a five-year supply of housing land does not justify the rejection of a proposal," reported a DoE inspector who held an inquiry into the rejection of a planning application minde my John Madin Design Group, on behalf of Severn Trent Water Authority, for outline permission for the residential development of land near the Staffordshire and Worcestershire Canal at Wom-

There is always n presumption in favour of allowing opment, having regard to all material considerations, unless that development would cause demonstrable harm to interests of acknowledged imoriance.

"However . . . to release the appeal site would conflict with lie aims of the structure plan. which is barely 18 months old, and as such would cause demonstrable harm to interests of acknowledged importance."

disinissal of the appeal and the secretary of state agreed. He said: "The proposed development is contrary to the policies and proposals of the approved county structure plan ... this must be the overriding factor in determining

this case." APP/C3430/A/85/027809

Defective notice

PLANNING permission was granted for a new driveway at Craigleith Guest House, Hoole Road, Chester, subject to the

"A turning and parking area shall be provided as shown in green on the application plan. and shall be graded and formed to the satisfaction of the local planning authority."

An enforcement notice was served alleging that this condi tion had not been complled

The evidence was that: "A parking and turning area was aid ont as required by condition 3. At about the end of 1981 further engineering operations were undertaken. "Hardeore was laid down to

make the whole of the front gardens of No 56 available for ar parking.

appeal decided the enforcement notice was fundamentally defeclive and could not be corrected. He therefore quashed it. T/APP/X0650/C/85/1633/P6

A vacant

WHAT is a "vaeant plot" in a settlement in a green belt area was discussed in a recent appeal. Outline permission for the erection of a single resideotial init at "Crossways". The Street, Puttenham, Guildford, was

On appeal, the inspector rejected the council's submission that Crosswaya was outside the confines of the settlement of

The council also contended that the site was not a "vacant plot" as defined in the Local Plun, meaning "a site capable of two dwellings each of a size commensurate with dwellingsin the immediate locality".

The inspector held that this was "n vacant plot" within the meaning of that definition:

'Any dwelling on the appeal site would need to be designed so as not to be detrimental to Crossways and its setting and on that basis would be unlikely to affect detrimentally the character of Puttenham", he concluded, and granted permission, subject to the usual conditions T/APP/Y3615/A/8537919/P2

deteated

THE residential development of a 1.4-acre site in Stanley Hill Avenue, Amersham, was re-fused by the Chiltern District

On appeal, 51 local residents supported the council's decision and instructed a barrister to appear for them.

The site consisted of five rear gardens of houses,

It was identified, the appel Innts, L A Kenworthy & Co Ltd. claimed in 1981, as "potential housebuilding land".

However, in 1982, they claicouncil's list of potential sites in difficulty of land assembly and that access could not be aecomplished to the standards of the Highway Authority".

The inspector, with delegated powers, concluded: "The land can be released for housing now without harm to the general thrust of restraint policies contained in the Structure Plan.

of the proposal, I note that the council raises no infrastructure or site specific objections. "The proposal can be allowed without harm to the existing quality of this pleasant residen-

"Turning to the local impact

He therefore allowed the appeal, granted permission, subject to the approval of the detailed approvals.

T/APP/X0415/A/85/32012/P2

**Each** on its merits

AN application for residential development at a density of 10 dwellings per acre on 15 acres of land in Durmington, Wiltshire, was not determined in time.

On written appeal, the secretary of state noted: "As a result of the proposed

development, the maximum housing allowance in the strucbe exceeded. "However, Circular 14/85 makes it clear that the develop-

ment plan is but one of the material considerations (albeit an important consideration) to be taken into account when dealing with planning applica-"It is not considered that his

marginal increase over the structure plan allocation (which than a precise limit) is sufficient reason to refuse planning permission in this instance. "Each ease must be considered on its planning merits,

having regard to any relevant provisions and policies of the development plan." He therefore allowed the appeal, aubject to the usual

APP/T3915/A/85/039835

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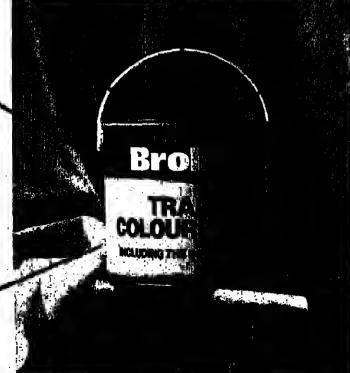
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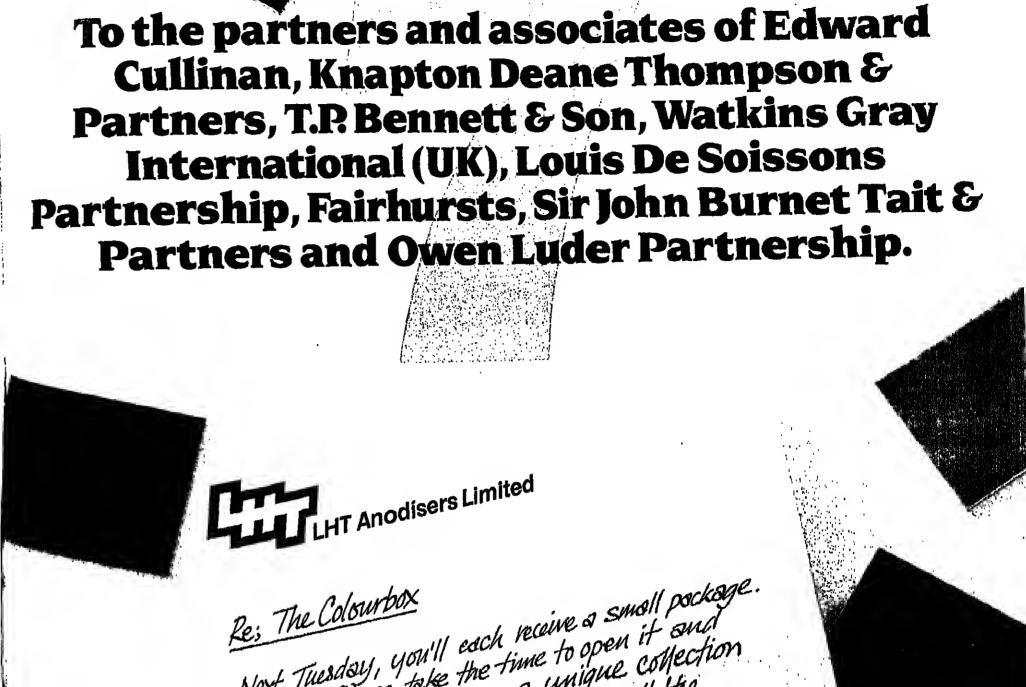
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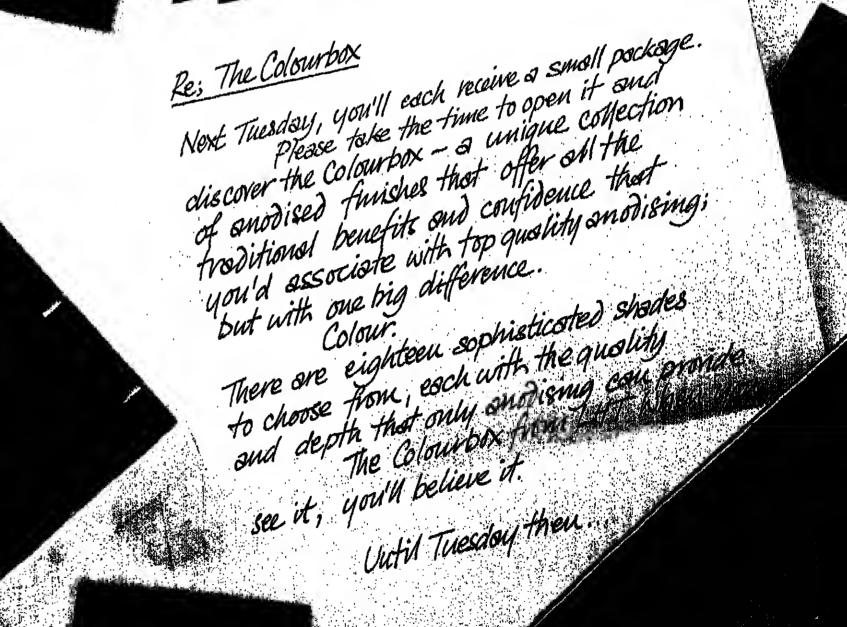
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20 BUSES

THE pioneer phase of the new architecture by 1933. That of time, the Modern Movement Modern Movement in architecture was over almost as influence, which had provided quiekly as it hegan. By the

time of the Depression in the late 1920s it was losing impetus in those countries where the original ideas for the "new building" had eomnieneed.

In Germany its demise was accelerated by the execution of llioneer architects,

In the Netherlands - a country which enjoyed a parallel and often overlapping modern arehitectural pliase with Germany — innovatory design ceased to be the foremost incentive to a

Enter 22 EXPRESS

the main theoretical position adopted by the avant-garde, was virtually over. Dutch architecture had more generally become absorbed with "new" problems such as the social engineering required to allow the new housing and phinning schemes to work properly.

In Italy the keen interest in "rationalist" bases of design lind become almost incompre-hensible by the inid-30s. Modern design in Germany was eventually eliminated by the

Duracem Slates

had established itself in the USSR, Germany, Austria, the Low Lands and Scandinavia, its repercussions were felt through the influence of its next importont phase when the International Style spread throughout the world. This was the period of the great diuspora which spread far heyond the houndaries of the originating countries into Eastern Europe, India, Australasia, Latin America and colunial Africa.

Natwithstanding the seeding process of experiment, change and innovation that preceded Nazis.

The Modern Movement during study of the English house, Das englische Haus, (Berlin, 1904-

Donnis Sharp reviews the work of two pioneering Modernists in East Africa.

had to struggle to clarify and eventually establish their new formal expressions of art and arehitecture. It was by no means casy to invent a new form of language. Pioneers from Pieasso to Oud based their initial ideas on the newly-fashioned attitudes, philosophies and expressions of form-giving that derived from the innovations of the fin de siecle deaigners (from Gaudi to Mackinlosh). Hermann Muthesius was one of the commentators of the period who recorded the basis of such

The period of post-war ex-pressionism — a brief but parallel movement to the new objectivity in the 1920s in Germany - provided a bridge for those caught up in the exciling and inventive period of the art nouveau and those later utopiau Modernists who became associated with the organie functionaliat cause. By 1927 the new "functionalism" reached its apotheosis on the Weissenhofsiedhung at the Werk-bund exhibition in Stuttgart. There the enterprising Wurt-temburg Chapter of the German Werkbund allowed Mies van der Rohe and his colleagues to show howarticulate and international he fraternity of Modernists had By the end of that year there

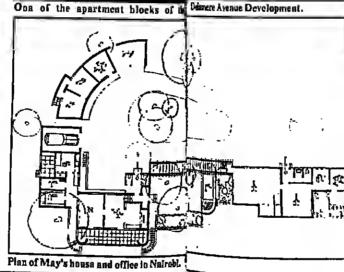
was a workable new lingua franca for architecture and an organisation set up and ready to promote it: CIAM. During the following 30 years the new atyle of building was to transform the appearance of towns and cities everywhere, from seaside shores to metropolitan eentrea. The modern language of architee-ture proved to be more successful than Esperanto. It marked, as Bruno Zevi has said, "a eulture's coming of age".

It arrived in East Africa

lmost by chance in the mid-30s. The major buildings erected in the British and German East African possessions up to that Ilme had been largely influenced by the Beaux Arta tradition, although a few "art deco" style buildings were built in Nalrobi and Kampala in the 1930s. But with the arrival of German Modernist and ClAM vice-president Ernat May in 1934 and, a decade or ao later, the colonial pioneer of English Modernism, Amyaa Connell,

e and below: Two early parsperfer, deskrip Emst May for the Aga Khan School, Kisumu, Kenya, c. 1950.





the nrehitectural scene changed fundamentally. Both architects laid the crucial foundations for the acceptance of new architecture in East Africa, first as a continuation of Corbusianideas using the CIAM vocabularies, and later in a much more local way. This article examines the unique contribution made by both Connell and May to the growth of an indigenous East African Modernism.

The codification of the modern architectural language helped to establish its universal identity. Ita eharaeteristies beeame well known: white finished external cubic shapes, and the freedom of plan, wall surface and structure whiel provided its armature. After the second pioneering period was over its growth as a "style" was populous Western countries.

Because of the mixed nationality of the pioneers and through the auspices of the CIAM, the diaspora fanned out throughout the world. It reached colonies and proteelorates in the far-flung crevices of empire. It took to the new trading routes in countries which during the 1930a were gradually being Iranaformed from rural to urban economies. Ernst May arrived in East

Africa as n refugee from Germ-nny in 1934. He settled in Tanganyikn (now Tanzania) as n farmer, after retiring as a mther distillusioned devotee of the Snylet Union. But soon after he nrrived in Africa he began again to exercise his skills as ar architeet/pinnner, earrying out work in the East African triumvirate of Tanganyika (initially n German colony; later eeded I Britain as a protectorate), Uganda and Kenyn (both Brit-ish colonies). May moved to



basa, which is still operating practice) and he had other

May had left Frankfurt-amMain — where he had been city

Main — where he had been city

May had left Frankfurt-am
May had left Frankfurt-am
Aga Khan's own community

members, he designed an unarchitect — in 1929 to take upan appointment as a town planner/ adviser in the Soviet Union.

There his "brigades" of experts were responsible for setting up several newtowns, including the completed much later — presaged a building boom on the sunny east coast of Kenya. Now somewhal expressly "modern" workers' eity of Magnitogorsk. In 1947 May became planning adviser to Kampala in Uganda,

but he also enjoyed considerable personal success as a private architect in the Nairobi area. He

The Nairobi Girl Guide ha which May roofed in clay shingles to overcome a shortage of building materials after the war. Nairobi in 1937, where he built became responsible for some of by the Indian Ocean. Shaped his own house and office. Later the Aga Khan's East African like the prow of a great pashe opened an office in Momwork (as did Amyas Connell's senger vessel it still sits comfortably on its hilltop site where it meets the needs of the hoards of sailora of the American Fleet rather than the sophisticated members, he designed an un-usual and impressive hotel in Mombasa. The Oceanic — detravellers it was originally

designed forl

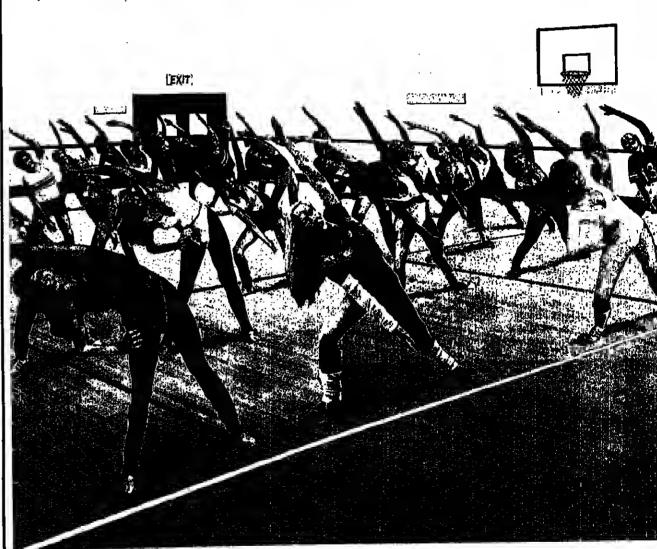
in an entirely continental way and most of his buildings looked elassically modern. The Oceanic was a fluid piece of organic functionalist design, as was his dwarfed by the proliferation of paekage holiday hotels and residences on the north and most ambitious housing scheme in Nairobi for the Delamere Avenue Development designed south coasts of the eity, it is nonetheless a bold and consistat the end of the 30s. The ent example of continental apartment blocks were laid out Modernist arebiteeture planted

May used reinforced concrete



- Frankfurt fashion - on a sloping site, they were faced with

Later, he developed an interest in handmade clay shingles, which he introduced in the Girl Guide Headquarters in Nairobi as a roofing material to overcome a local shortage of building materials at the end of the war. He described his methods in an issue of Country Life in 1945: "A clay-shingle is made by working clay into a layer of straw, reed or grass, in such a way that the finished shingle consists of a layer of straw mixed with elay on the inside while the top is formed by grass only." I



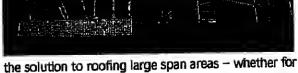
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May's perspective sketch for the naw Occanic Hotel at Mombasa, the first major water western style hotel to be built by the Indian Ocean near the city centre.

Enter 23 ON EXPRESS ENQUIRY CARD

gave the appearance of the outside of a traditional East African thatch; underneath n gave a neat, smooth finish.

Aniyas Cannell went to Africa from Loudon in 1947, He accepted what was initially nieani to he a short-terni contract to go to Tanganyika in design and supervise the construction of a new village and sisal farmt "Kanga"). In fact he settled in East Africa, returning to Lundon only in the late 1970s largely for medical reasons. For most of his African days he lived in Nairobi. Healted in London in

in 1929 - Connell secured himself a niche in contemporary firitish architectural history, h was a remarkable house, it May and Connell took to least samewhat half-baked struc-Africa an uttitude to design turally, it expressed in its outline based on a rational approach to and through its plan how a great modern architecture. Although country villa might be rational-ised for modern living. Whether neither of them were die-hard functionalists, they hoth repre-Connell sow this us the culminasented the new internationaltion of a grent tradition or ism. They worked within the established vacabularies of the conceived it as the commencement of a new form of expresnew urchitecture. Bieth came sion for such a lutilding he never from hackgrounds in which said, although he often referred value had been placed on the to a "new tradition" existing design of individual dwellings. hetween classicism and Le But whereas Mny's experi-

Corhusier's machine à habiter. ence laid been gained through an He claimed bis inspiration for nctive involvement as orchitect the house cume from abservaond planner in a socialist city tions made in Italy and with the and with the problem of mass intoxication of "the new" populor housing which had an ideological bias, Connell's particularly as it exhibited itself in the Paris Exposition of 1925. expertise was gained through Connell visited, with Basil the design and erection of a Ward, Le Corbusier's Pavillor small number of pioneering and de l'esprit nouveau ot the Paris revolutionary (in a design sense) show and at that enrly atage he private houses with his partners Ward and Lucas. These were had sensed the powerful and profound influence that exercisea in personal creativity, Charles-Edouard Jeanneret and were much more like would hove on architectural nrchitectural resenrehes and consciousness throughout the world. Although it is also studies rather than attempts to meet specific political or com-mercial ends. But in Africa both unelear whether Connell or Ward actually read Vers une Moy and Connell were on par: both provided future genera-tions of designers with modela architecture in the original, they were quite clear as to its

For most of his life Connell viewed Le Corbusier's ideaa Connell had gained an envinble reputation in England between 1929-1939, when Britwith great reapeet and sympathy. But while in Africa he ish Modernism was at its height. But, like his brother-in-law and partner Basil Ward (they were joined loter by Colin Lucas), he waanol able to sustain that kind moved away from the position of a strict disciple that he had adopted earlier. In a letter written to a young assistant in December 1969 Connell spoke of success in the post-war years. Connell, Ward & Lucas' success of Le Corbusier's real contribution to urban development was exceptional for a small firm with few commissions. Each



sight of the relationship hetween tor Sir Bernard Ashmole (the architecture and the society then director of the British which produced it. His analysis School in Rome) at Amersham of traditional architectural form

> proportional formulae and their aesthetic application to build-This was typically Connell: a generously made, rounded argument which never lost sight of his commitment to his own Classical uphringing at the Burtlett school under Hector Corfiato, When, in the mid-192fts, he demonstrated to the other UCL students how to

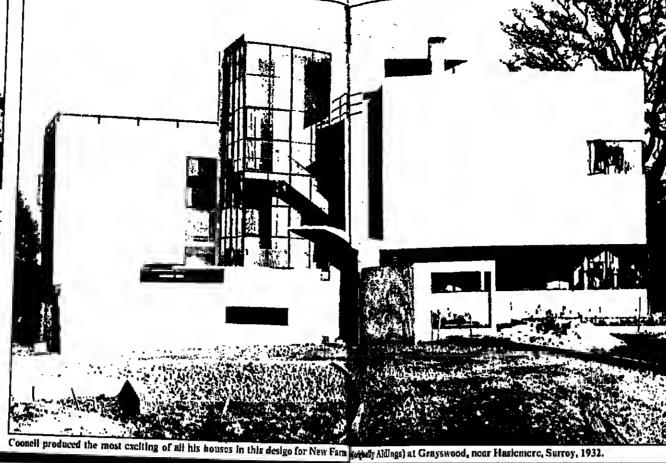
rimw, he olso entifirmed within

himself his own thlent as a

is very evident in his adoption of

cess in his studies - he hadafter all come to England from New Zealand like a well trained All Black to take the Rome Prize his drafting ability gave him the confidence to experiment with and use the newly-minted architectural coinage proffered by Le Corbusier.

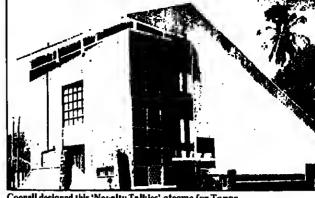
It is perhaps not sufficiently clear yet to architectural historians that High and Over, Hirst designed in 1928 but not completed until 1931) wos, after Peter Behrens' Bassett-Lowke house at Northampton, the first real monifestation of the "new architecture" in Britnin. Addesigner. He never stopped drowing. Coupled with his Corinthian Yacht Clubsi Burn-



ham-on-Crouch emerged shout the same time, but it looked more "nautical" than Modern. It had few undertones of the ensuing war on traditional

architectural values that was to be fought by young adventur-ous firms such as Connell and Ward's. The basis of the controversy was not merely stylistic. Although msny Continents! modern arehitects had accepted Cubism (or perhsps Le Cor-busier's purism?) as a bssis for their spproach to the new architecture, Connell himself had eschewed it. He was not so much influenced by these inherited attitudes as inspired by their

dynamic possibilities. Thus, his



vigorously exploited in a build-

ing ss origins as New Farm originally the Aldings), a house at Grayswood in Surrey which Lowes Dickenson in 1932, than in comparably sized continental examples by other architects. This house had a plan of remarkable originolity, which met what Bssil Ward was later to call "modern needs with modern means" - a rather prosnic statement maybe, but one which wss made with the comforting knowledge of hindsight that Connell had, in the short space of three years, achieved an srchitectural unity and s confi-

dent way of expressing plan,

function and structure through

the use of that thoroughly un-English material, reinforced

The Aldings house was, I believe, one of his greatest architectural achievements. It succeeded where High and Over had failed atylistically. It was coherent, not the least in providing the complete rationslisation of the structural snd insulating properties of its external walling. This was to be refined further in the firm's later projects. But concrete surfaces for domestic building caused many an official face (and quite a number of unofficial ones too) to crease in anger and Connell, Ward and Lucas, gallant pioneers that they were, were no longer looked on as harmless colonial innovators. Britain was against Modernism, at least

insofar as people like Sir Robert Tasker (LCC) and Reginald Blomfeld were concerned. The speculative building estate at Ruislip beenme a cause célèbre in 1934-35 and threw up

— possibly for the first time with n modern house design in Britain — the proposition that the buildings as designed were "injurious to the amenitica of the neighbourhood" — a ludierous phrase that gained even greater incredulity when Connell's last house project (of 1980) was thrown out by the Buckinghamshire planners - at least, until they realised the old man was alive and well and still designing. It was then quickly ond apologetically passed But

Once in East Africa and freed from the drendful English disease of compromise, Connell gradually climbed down from his avant-garde perch. He did this for several quite straightforward reasons. He was on his own as a designer and was not prepared to adopt a neovernaeular approach. And,

Ismali community: the HH The Aga Khan Platinum Jubilee Memorial 1956-1963. This was a building of great strength and character which adopted Le Corbusier's brise-solell ideas for its facades and resolved the whole question of circulation routes — as expressive architectural elements — within the hospital complex. These routes

applainled in Britain was, as he later admitted, inappropriate in East Africa. He held this view

without any feeling of Hanteur hecause he saw that the simple, practical and ordinary require-

ments of living and working were of paramount importance in the colonial tropics. Much of

his carly work in Tanga was

fraught with difficulties caused

by few materials and low

Onec settled in Nairohihe was

able to expand his prictice, and his most successful buildings

included the hospital for the

- walkways, stairs, ramps ctc. - were clearly expressed threedimensionally; their design bears some resemblance to the ideas that Le Corbusier developed enrieer for his Salvation Army Building in Paris.

The success of the whole group of buildings - including the Nurses Home extension rests largely on the clarity that emerged from the combination of closed and open routes. They traversed the site and they articulated the separate functional elements. After New Form it is probably Connell's most successful building.

During the latter stage of the Aga Khan Hospital project Connell began work on his most important government commission. Together with Thornley Dyer, he was asked to design the new Legislative Buildings (later renamed the New Parliament Buildings) in Nairobi for the British administration. The administrators looked forward to seeing a miniature Palace of zoned site. What Connell eventually designed was a reduced version of the Big Ben elock tower -- although when completed it was the highest atrueture in Nnirobi — and a well-organised and finished colonial Porliament Building.

The later additions to the Parlinment Buildings, including reverted to Connell'ainterest in the architecture of Le Corwhen designing the new Crown Law buildings, he drew for



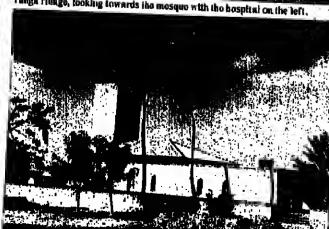
Millo Soven at Lumuru, Connoil's awn house outside Nahrobi.



The rear of the Limuru house shows Comen's debt to Medern masters



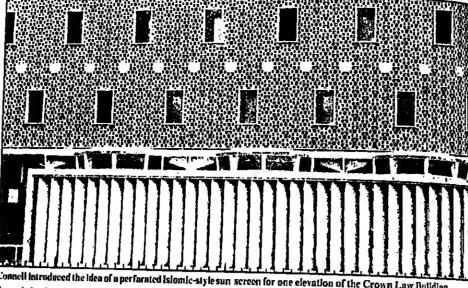




The musque in Tanga designed by Connell.

mexicus Moghul models, par-ticularly the Taj Mahal and the screens of the Puntad ad-doula tomb in Agra. With it Connell changed his commitment to modern architecture. He adopted a post-modernist attitude, taking motifs from historical examples which appeared to be relevant to the trupical region. He also attempted in compound an impression of the mixed cultural nature of East African life. Having lived through the terrible Mau-Mau years, he understand and recognised the challenge that had emerged among Africans to seek an independent identity und tu ilevelop a new architecture appropriate to the political

Like many columns he looked to those traditions that had matured in tropical or sub-Spain and Moghul India in purticular. Thus, his own house and studio, Mile Seven in Limitri, Le Chrbusier — was nlso used by was designed in a kind of both Connell and May for their Dr Ernst May & Partners, still studio, Mile Seven in Limitri,



Spanish Gothic or Spanish farmers' houses built in the

was led to reflect more and more

African nrchitecture. He re-

must return to that letter he

Islamic style, which he used to cloak the functional interiors and his innovatory bedrhom which incorporated a famous sliding wall - it came down to separate the two parts of the murital bedl - nnd the splendidly spatial monn-pitched living rnom. This latter device probably borrowed from Marcel Breuer, if not directly from

1950s. May, however, had not stayed drained away by an eclectic long enough to mature his own ideas in this area. Heleft Nairobi this lack of emotion as being a direct result of architecture at the end of 1952 - having having lost sight of individual lasted there nearly 20 years human need, a fault which he the year that the social and laid at Le Corbusier's feel. political unrest created by the Quite understandably, Con-Mau-Mau began. A few of his

later buildings were completed after he left for Germany, all of nel felt that his helpful remarks that le Corbusier had attempted to understand this aspect of architecture but had failed: operates from its Mombasa "Although he postulated the offices, but now in the charge of the British trained architect human need as one of bis prime movers, his grasp has proved ephemeral." But more pert-Tom Mackenzie and his son.
But Connell stayed on. He inently, perhaps, Connell too took the argument in a different on the role of decoration and direction, out of the area of a ornament in contemporary priori human needs and into the whole new question of how to newed his interest in using the decorative tradition of India for deal with ornament in relation to modern architecture.

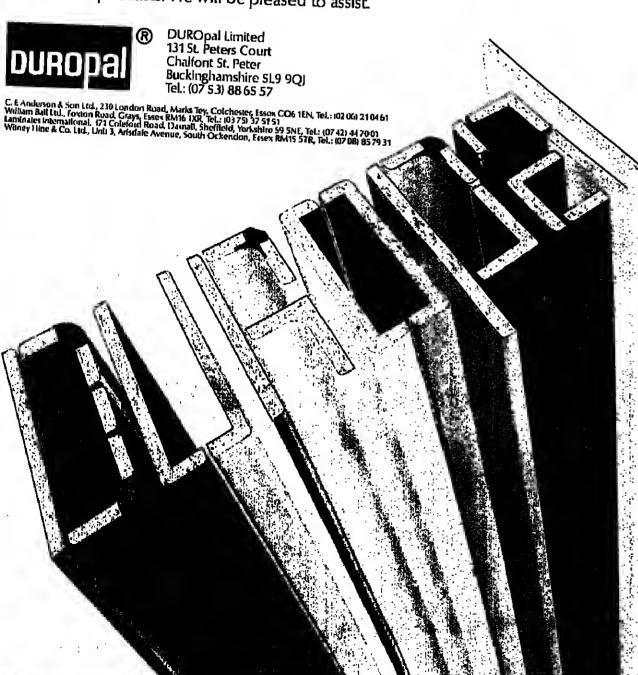
inspiration for his career and developed screen walls for the According to Connell, Le Corbusier "lacked an understanding of the meaning of ornament. In his middle age the relation to the developing ideas for a decorated architecture we need for the adornment of structure led him to trifle with painting in a confused Leger

wrote to his young assistant in December 1969. In it, as men-Finally, he surmised, "hadhe realised that all traditional tioned earlier, he eulogised Le ornament was the atavistic Corbusier but went on to deplore "the new Brutalist stuff and theologic belief in his early ... in which all sense of architec-lure has been lost", in which period, his work might have been great".

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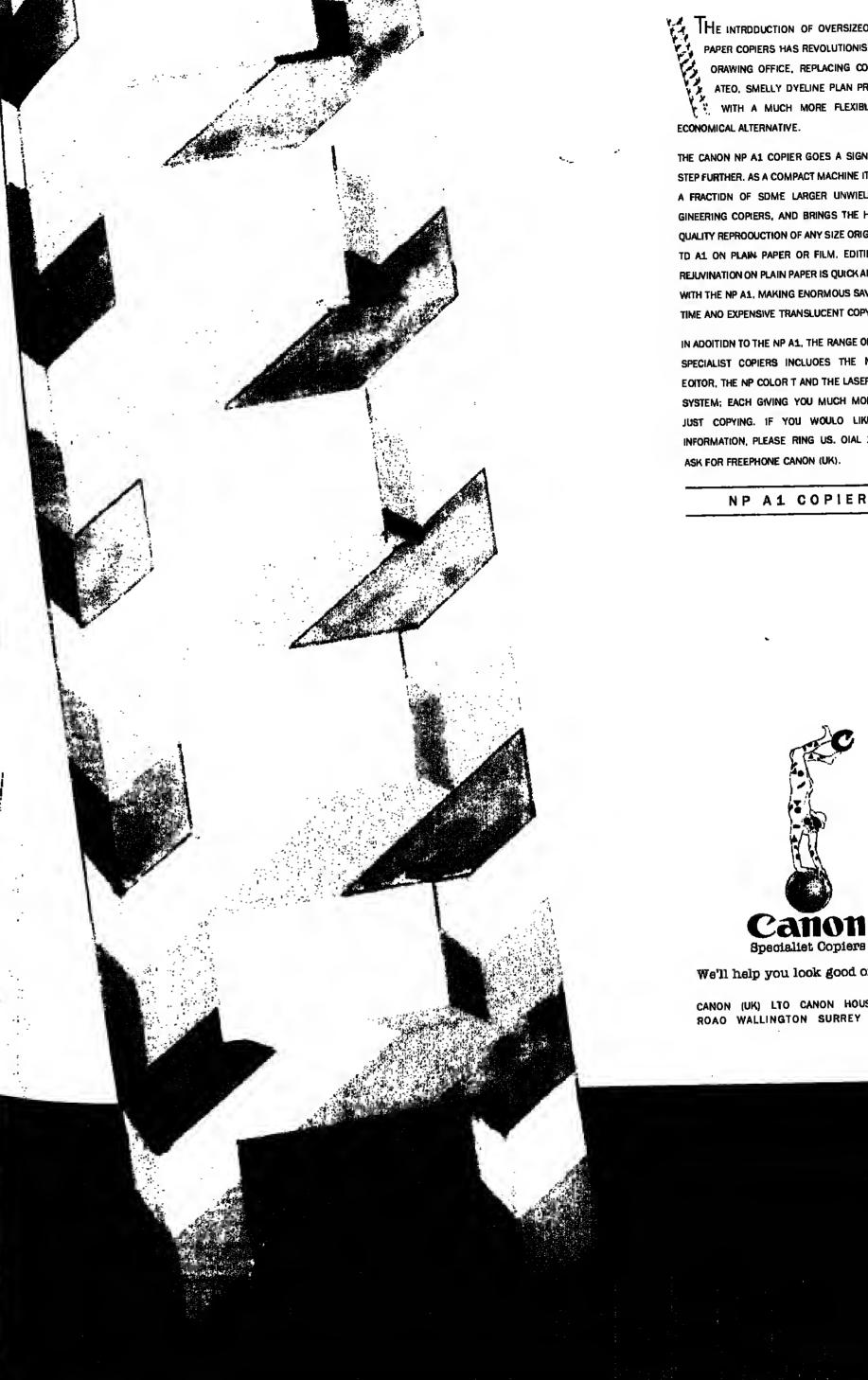
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The immediate reaction seems to be liedds of se hoofs screaming polite abuse, and the news heaillines such as "RIBA education director has hit out at coticisms of polys" (BD May 16) or "Schools bad report prompts backlash" (AJ May 14)

In fact, althnugh not a very useful discument, weak-centred and full of the platitudinous generalisations which such reports inspire if you actually read it, you cannot helieve it deserves the flack. And certainly it's not worthy of the contempt justly meterl out to last year's HMI Report in whose echo it takes form (and which I reviewed for Al) last November).

This paper is one of the first from CNAA's new Committee for the Built Environment, the very mamie scems like a trumsintion from Russian bureaucrntesc. And it is a document of its monient. The context is clearly (dnted February 13, 1986) entil-

The latest raport on architectural aducation, producad by the Council for Netional Academic Awards, has all the charms of a curate's egg, seys our reviewer, a full-time lecturer.

led "Future development in architectural education" which accompanied my copy of the report. This mentions five contextual factors.

First, inevitably, is Keith Joseph's Green Paper, setting the nuxious thesis of monetarist education which last year so revolted even conservative educationulists, "The Government's helief that higher eduention should contribute mare effectively to ecunomic growth" (para 3 of this note), is a singanising platitude which becomes dangerously absurd when applied as a principle to the detail of degree courses.

But the academic hureaucracy must try, someling. Flence the CNAA paper offers riveting revelations such as l'ara 30: "Architects make their greatest

economy through the construction industry." Just as, I presinue, the CNAA Central Committee for the Acoustic Environment would argue that orehestral musicians or composers make their greatest enntribution to the national ains. To that we will return. economy through the electronic niedia industry. The difficult link between architecture and the industry of building, so

About the form, though, it strikes another crippling blow to the full-time Part 2 course (on a mandatury grant) which has bizarrely formulated in that been the experience of almost all quotation, is a central point of British architects in practice the CNAA paper. today. For it recognises qualification as an architect after four years full-time study. (Good Context stuff for Rayner-style efficiency Twn further contextual factors are the well relicarsed reports by the Esher group and the NAB/UGC/SED Architec-

The final contextual factor to which the CNAA Architecture Board draws attention is that wretched HMI Report which I

tive of June 1985, whose reverment. This new paper described berations have yet to be widely itself specifically as a response to felt. Its proposals for the content the HMI's. And as such, preof an architect's education are sumably unintentionally, it taken on board, precisely and without altering word or emphase actually does justify the AJ headline "Schools' bad report hasis, by CNAA as their own prompts backlash." For CNAA, in its bureaucratically tailored language, does lash back at that HMI report: "A partisl view ... it lacked a discussion of the nature of architectural education, academie courses and teaching methods. It confused the needs of practice and the aims of education, and it tended to use

> tural education." (page 5)
> Such an examiner's report would certainly justify the BD headline to my own critique:
> "Inspectors fail the test". "Fail!" they say; or, more politely: we "found difficulty in accepting the validity of certain aspects of the HMI report"

schools as a basis for generalis-

And so, within this context, now comes CNAA on Architecture Education. The view of architectural education is charmingly traditional. It is design-based and project-centred (Para 8); by design is meant not just aesthetics but a problem-solving activity (Para 19), etc. What good old 60s language! Tech-nology is part of architecture and not an adjunct to it, this synthesis is best learned (and his learning assessed) through esign projects (Para 24)...

#### Shopping list

And not for the content. architectural education, it uotes from the EEC Directive. onsists of acquiring a wonderully inclusive shopping list of drtues, skills and wisdom, each stated with starry generality. The EEC/CNAA training shall ensure (I quote) acquisition of: an ability to create designs that satisfy both aesthetic and

technical requirements;

an adequate knowledge of history and theory of architecture, related arts, technologies, numan sciences, urban design, planning, physical problems and technologies, the function of buildings (so help me God, this appears like this in the middle of their list!), Industries, organisations, regulations and procedures involved in build-

 a knowledge of fine arts; on understanding of the elationship between people and uildings, the need to relate ouldings to human needs (sic) and acale, the architect's professional role, methods of investigation and brief writing, struc-tural design, building and engineering problems;
finally, the necessary skills to meet users' requirements within budget and regulations.

That's all. This CNAA trained paragon does not need to get blood out of stones or to solve the problem of poverty. The necessary skills for temple building in three days would be an advantage, In his Concerning Architec-

suggested an equally interesting list. The architect must: "be educated, skilful with a pencil, instructed in geometry, know much history, bave followed the phllosophers with attention, understand music, have some knowledge of medicine, know the opinions of the jurists, and be acquainted with astronomy".

QUALIFICATION CNAA's. Moreover, M V Pollio went on to argue for and explsis each of these requirements. CNAA says no more about its list, as useful as manifesto promises of peace and prosperity, than that a degree course should set a foundation for this aim and encompass this breadth

in its curriculum

Now to do all this, it tells us that history and social studies should be taken to the standard of a humanities degree; social and economic aspects of archispecific criticism of individual teeture should be stressed; history of building technology should be studied; computer ing about the whole of architecaided design must become especially important (Paras 26-29); and technology must be better understood and integrsted (Para 23). All in the designbased, project-centred discin-

It has not yet been snnounced that the academic year will be of 83 weeks, nor that the week will have nine days or the day 42 hours. And as for resources for the already desperately over-stretched poly schools? Well, sorry, that's not this CNAA committee's problem.

and within budget?

two strong themes left in the This model of fatuous, thou CNAA's ramble. First, despite ghtless well-meaningness echoes all the external factors, despite that generation which believed it the suicidal cuts of Esher, the could design "neighbourhoods" calemitous cuts of NAB, the and "communities"; which nasty cuts of HMIs (in Part 2 made friendly up per-level wslkcourses), the sly cuts of EEC (to ways and underpasses, built grossly over-budget theatres or four years) and the deep septic cuts of Keitli Joseph's green and awfully efficient system-built alimy paper, they hope to see architectural education offered schools. Would you trust a building project to the team ins much more diverse range of which produced this report, and courses. (This is directly spelled expect a building with a strong out in the Note 4947t.) This lins exoting possibilities.

In part, is it not just that traditional treason of clerks to scapegoat those who actually have to create the places society will inhabit, blaming them for the ills of society when social problems arise? We do not have to accept an "autonomous architecture" stance to be critical of this, A hint is given in CNAA's Para 28: "Failures to meet the social and economic needs of users are at least as serious aa technical or aestbetle fallures." Setting out a programme for architectural educailon in terms of failures is simply responding automatically to social pressure. Otherwise they would surely state: "meeting social and economic needs is as serious as meeting technical and aesthetic onea". Just as platitudinous, but at least positive.

#### Balance

Their only iosight is to ootice also notices this. Actually sodid M Vitruvius Pollio who, in the first page of his book, talks of the balance of manual skills and scholarship, of practice and theory, of the "how" and the "why" which together make the "what": architecture.

But to the CNAA these are not two facets of the designer, in dynamic tension and stroog (as Vitruvius Ch 1, Para 2); CNAA's seeing them as separate people in education, talking of "tech-nology ataff" and "design tutors" and "building practitioners" (whatever that means), only deepens a needless division

Schools, of course, tend to hire staff under these headiogs - to teach materials, economics, plumbing or studio; widespread inability to hire each to teach architecture, albeit

tively isolated . . . (Para 32). And coss-purpose rather than conso they declare that after the first third of their professiona education, potential architects should be working effectively list, is exemplified in the with these "other disciplines" nus, is exemplated in the uparated groupings we all know-studiostaff, technology salf and a third, contextual What are these "disciplines"

from a specialist base, makes for

the nature of architecture,

lectorers, who are often mem-bers of the first group incver of

the second), sharing enthusi-

sms overtheir reading and their

holiday snaps.
Occasionally, the studio staff

are concerned that the school

divided like this displays a poor model for srchitectural practice,

arguing that design should

occur in conversation between

these different concerns. But

any attempt to integrate foun-

ders, because the studio staff do

not believe that the actual

he interested or willing to

mgage io a conversation

centred on architecture. Mean-

while the technology staff, self-

defined as "specialisis", stigma-

ise the value systems of design

plors as naive and ignorant of

echnical and economie reali-

ies, concerned only with irrele-

rant theories of urban form,

incouraging intentionally scr-olly and imprecise images in

relour or charcoal of their

roject with such fatuous titles

is house for a cosmopolitan, an

strologer, or even for marsu-

If the opposing images and fantasies of both groups are ant

indestood and faced directly,

no progress will be made. The

TIW CNAA report, like a

number of heada of schools,

Having said all that, there are

Joint courses

And second, they are con-

terned about the relationship

between architects and others.

CNAA's encouragement of

joint courses, partly shared

etit points or different routes

through to differing "built

formed CNAA Committee on

they accept.)

Yes, but how?

environment" degrees. But it is

doesn't want to know.

The CNAA committee "en compasses the subjects of archi tecture, landscape architecture building, bullding services surveying and town planning" Perhaps we are too close to see

this clearly. Let's take a paralle list. Say: medicine (architecture), pharmacy (landscape) nnatomy (building), nursing (services), medical photography and radiography (surveying) public health (planning). Now anyone can see we are

not dealing with a series of equivalent, parallel professions but varied specialist roles and people hired as technology staff skills within the overall conversation entitled medicine (architecture) or, more strategically but less particularly, public health (town planning).

#### **Participants**

This is not to make any outdated status claim for the architect role-model of "tesm leader", etc. Simply, irrespective of the names we all go under buildings must be designed and built. Apart from the extreme situation of a Walter Segalia purity, this must involve the concerted efforts of an orchestra of participants

The issue is identical to that discussed enrlier about the nonsensical "two cultures" within nrchitecture schools. The central enterprise in only course in the "built environment" is architecture; individual buildings which together, in their

settings, make places. Just as "being" means being somewhere, as a phenomenolo gist might say; so, for an architect, "designing" meana designing something: it is essentinlly in the renlin of the possible exploiting its material, technical and communic passibilities, responding to its social and liumun cuntext. Unbuildable architecture is a contradiction i

The centre of education for architecture (and not just the architect) must be a conversa tion about nrchitecture. There is nn place for auyone in a school for architects who is not collabornting in that ennyersation, This links to the first theme in bringing their special experience into the conversation. That is the only way to subvert the pointless "two cultures" debate which HMI fuelled and CNAA

does not help extinguish.

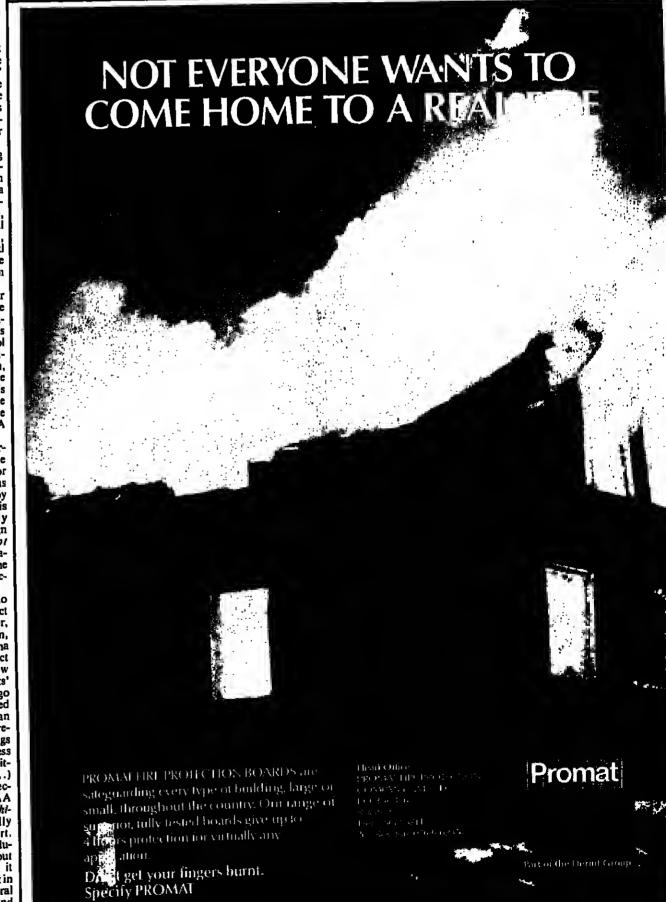
But education for architect ture includes, surely, all the subjects in the Committee for anywsy a deep theme, since Architecture Education is one of the first products of the newly the Built Environment list (as well as interior design which, by the Built Environment, and not nonsensical arcbaic tradition, i just from its architecture board. responsible to a completely For its own part, it says that per group validation "can lead different CNAA art and design committee). These are not courses and indeed whole separate disciplines, but separate skills brought to bear on the disciplines becoming insular". It one basic discipline: architecseems unaware that these were precisely the concerns about

Sorry if it's unfashionable to ofessional self-validation in sayao. Sorry if, when the project is successful, the actor-manager, the 1930s when two Acts estabished Arcak and, particularly, the composition of ita board of the Kenny Dalglish of the team, is called "architect". But tha education. Anyway, from now case is not for the architect on CNAA architecture visits leader. (We all know how will always have one or more blinkered is ao much architects' members from the other "built environment disciplines". (This is one HMI recommendation training, since a century ago when it became more concerned with developing sensibility than For schools, it argues for more interdisciplinary awareness and contact. No, it doesn't skill; we know architects careless of how and why things economically are made, careless of the perceptions of inhabit-ants, of the purses of patrons...) argue; again it states, manifesto ike; "degree courses should be

No. The case is for architecresponsive to the needs of ture as the centre. The CNAA industry;" and "should enable graduates to understand and Committee calla its paper Archiwork effectively with practisecture Education. Carefully tioners from the other discipchosen words, a good start. Now, if it wants to have influence in the conversation about "At present most students in the education of architects, i the disciplines of the built must display a central interest i capironment have little appre-ciation of the nature of related architecture, and architectural quality; leave the platitudes and come to grips with the difficult disciplines. Architecture schoin particular, are compara- reality in working to that end.

and durable - a quality derived from Classico concrete the interlocking characteristics of the individual blocks. paving does for parks, gardens and recreational In every way, it's a carpet areas what a quality eminently fitted for the fitted carpet does for the home. Warmly reassuring For a brochure and underfoot, and a pleasure details of our supply and to the eye, Classico's timefixing service, available honoured style and apthroughout the U.K .pearance subtly promote send off the coupon. an atmosphere of elegance and tranquility. S MARLEY And Marley Classico is beautifully versatile. Classico Paving Its four basic stone shapes - in brown, russet, charcoal and light grey – allow for infinite flexibility in design. They can be woven Post to: Marley Building Products Ltd., 789 Peasmarsh, Guildford, Surrey GU3 ILS. Telephone: (0483) 69922 (24 hours). together in either free flowing curves or geometric patterns to blend with any design concept. Also ideal for pedestrian precincts and for housing estate roads, Classico is both simple to lay

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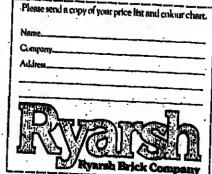
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ichard i Appold's hanging aluminium sculpture in the entrance bull.

### FRANKFURT DOUBLE

Brian Walters reports on twin towers for the Dautsche Bank.

FOR years, Frankfurt has one of the least attractive cities in post-war Germany. Many of the buildings put up in the 1950s and 1960s are dull and unimaginative, but a growing appreciation of the need for better standards has led to a remarkable trans-

Efforts have been made to graphical position, it is a major rectify the mistakes of the early post-war years by the establishment of pedestrian areas, while modern building techniques have been used to recreate early architectural styles to provide a motorways providing fast links to other cities. Frankfurt has historic link with the past in the also become the finance centre

been regarded by many as tear down the ruins of the old

Because of Frankfurt's geocommunications crossroads, boasting the busiest railway station in Europe, a thriving major airport and a network of of Germany with no less than

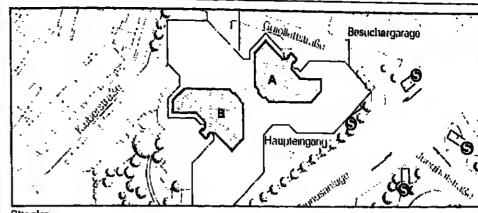
Some years ago, a proposal to 350 domestic and foreign banks represented there - which is opera house to make way for a fortunate, for banks can often new development led to an afford to pay for high standards outcry among the citizens of Frankfurt, with the result that a have witnessed the erection of several new bank headquarters of some merit. Indeed, Frankfurt has taken

on the niekname "Manhattan" in acknowledgement of the growing number of skyscrapers which have given the city an elegance that it previously lacked. The latest addition to the skyline is the headquarters building of the Deutsche Bank - a massive twin-tower structure some 155 metres high. When a proposal to erect a

(計算性) 电相线



modern twin-tower block was View of the twin 40-storey towers in code



Stte plan.

司法司法司告 安

first mooted 14 years ago, it triggered an outery little less than that concerning the Alte Oper. The site was occupied by the ruins of a baroque-style merchant's palace built in 1912 although only part of the facade had survived the bombs of the Second World War. However, the site overlooked part of an inner ring of parkland not far from the Alte Oper and at that time, few tower blocks had been erected in the city.

Permission was nevertheless granted for the new project, but pefore it began the bank purchased the site and sought planning permission to dedicate the building to bank use. Fortunately this was quickly dations covering an area of

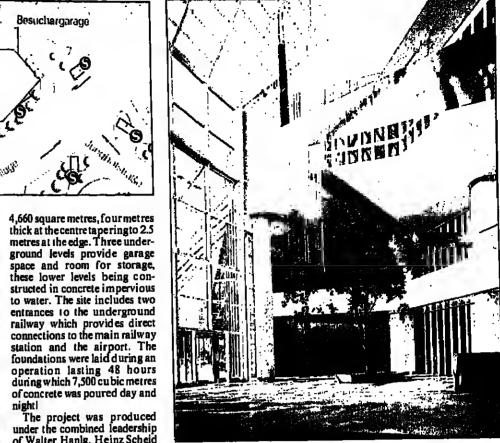
obtained and there was no 4,660 square metres, four metres interruption in the development

Fourteen years spanned the period during which the project was brought to fruition although the actual work on site took about six years. The to water. The site includes two construction was not without problems - not least those railway which provides direct posed by underground springs. The site covers a total of 14,500sq metres bounded by two streets and some 13,000sq metres have been used the remainder comprising a of concrete was poured day and landscaped area of grass, trees and bushes as well as the paved approach to the main entrance.

The building stands on foundation of Walter Hanlg, Heinz Scheid

metres at the edge. Three under-

structed in concrete impervious



continued page 30 Principal entrance area with reception desk.

The cladding jacket of a building today has a lot to face up to Natural hazards like rain, snow and ice. Environmental hazards like heat. steem and poliution. Unpredictable hazerds. Ilke sees 40 years in most environments, given the enthusiastic carelessness of a folio in the control seems the attention to the interest and the control of the interest and the control of the control

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stand up to the hazards of difficult environments, and the same two-coat protective system on the





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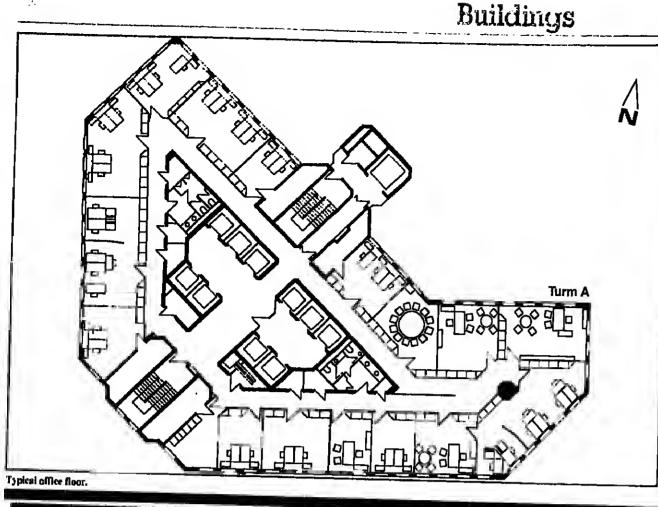
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Fertage 30 ON EXPRESS

Visitors garaga





The scheme was the result of a competition held in 1971.

from paga 29 and Johannes Schmidt of the Frankfurter ABB Architekten, although other architects were given responsibility for par-ticular aspects of the building the conference rooms and

restaurants for example).
A four-storey high entrance hall links the two tower blocks and the entire facade of the building is composed of mirrorglass fitted to an aluminium frame. The spacious entrance hall provides access from both streeta on which the aite faces and the natural light from the glass roof is reflected by light grey Sardinian granite which is used extensively on the floor, while white Brazilian marble is uacd aa facing on the interior

A pool with a red granite base provides a atriking contrast to the otherwise bright interior while a free floating sculpture by the American artist Richard alppold is suspended over the centre of the entrance hall. The aeulpture leads the eye upwards to a dramatie view of the twin

towers through the glass roof. Aninformationcounterinthe oyer ia manned 24 hours a day and provides directions to visitors by means of a pass, on the back of which is a plan of the building and provision for the name and room number of the person to be visited. Each floor has a clear indication of its number along with room numbcrs and pietograms showing emergency exits, first aid sta-

A 400-plece self-service staff restaurant is located on the second floor of the base area and has, as its focal point, a 16th which has been fitted with a modern quartz mechanism that drives all the clocks in the building. On the same level, there is a 100-place enfeteria designed in a coffee-house style in which employees may take breakfaat or anacks between meals. Cold and warm drinks and packaged snacks can be obtained from an "automat station" on the third floor. Staff and guests can have direct access to the restaurant from outside and diners can enjoy a view of the Alie Oper and the gardens of the Taunusanlage.
Although both towers (refer-

red to as A and B) are tha same height, one has 38 atore ya, while the other is 40 floors high; the difference being accounted for by technical equipment and a meeting room complex in Tower

needing rooms varying in capa-dyfrom four to about 50 sents, shough each has direct dny-table and is attractively furn-A. The building method for the towers is believed to have been unique in Europe; a thin outer Great efforts have been ninde akln providing the window openings, while a thicker inner

skin encompasses the working

the kernel are linked at cach

floor to provide a vice-like

aupport. The glass facade and

protective outer skin are

claimed to provide better pro-

and cold than a conventional

building of skeleton construc-

tion. During the construction of

the towers, 52 hydraulic sup-

ports ensured that pressure on the foundations could be regu-lated so that the towers did not

cause a greater tendency to sink than the four-storey base area.

Each hydraulic jack wascaps ble

of bearing 630 tonnea.
A total of 20 lifts provide

specdy access to the offices for the 1,700 cmployees — some going only as far as the 23rd/ 25th floor, while others give an

express service to the upper floors. A microprocessor-con-

trolled conveyor system ensures

the rapid movement of papers

batween aach floor of the

towera. Provision has been

made for physically handicapped personnel; there are no steps in the building and in the

event of a fire, they would have access to fire lifts which have a

capacity for 35 persons or 3,000kg of fire-fighting equip-

The bullding has been de-

signed to provide the maximum flexibility in office layout while

providing all areas with natural light. Art in some form or

another is never very far away

local artists having been com-

missioned to contribute to the

large collection of painings in

the building which are liberally

placed in both towers.

the office workers; many

The concrete outer wall and

to ensure that the employees tojoy an optimum working building is air-conditioned; air is fliered and heated or cooled according to season. In general, consist temperature of 22deg Ceisius is maintained, but during

ensure that the temperature difference between the interior and exterior is never more than

An energy-saving system has been installed on the upper floors of Tower B to ensure that hent which in earlier huildings wnuld be lost, is reenvered. Two separate sources of electrical supply are privided for the building but n diesel generator has been installed to ensure the Closius is maintained, but during nuintenance of essential sup-but weather the system is set to plies in the event of a mains services — from the sir-condi-services — from the sir-condi-services — from the sir-condi-services — from the sir-condi-

Ground floor plan. This is vital in the age of the

computer and advanced communications systems — both used extensively by an organisa-tion auch as the Deutache Bank. The telephone aystem provides direct links with such cities as London, New York and Paris, while there are 2,700 extensions within the building itself. To ensure the amooth running

of the building, a central control

tioning to the devices used in the strong room. By means of a light pen, the operator can call up pictograms of the services on

A separate control room is devoted to all aspects of security, from fire to intruders; a bank ty monitors enables viaual checks to be made and in the event of an emergency, security personnel can give directions via oudspeakers on each floor. Each tower has two aeparatefire

materials have been used throughout the building, and although Frankfurt is not in an active earthquake zone, pro-vision has been made to provide safcty measures in the event of

five staircases. Fire resistant

Garaga antranco/axit

Entranea hell

The shining silver towers of the new Deutsche Bank building reflect the sky over Frankfurt while below in the landscaped approach to the headvide a link with the style of the 19th century. The venerable modern item which decoratea the approaches to the building
o graphite sculpture called
"Continuity".

Architecis: ABB Architekten, Walter Hanig, Heinz Scheid, Johannes Schmidt (with Gilbert Becker until 1981). Associated architecis: Klaus J Ehrensberger, Fritz Keiler, Urs Bachmann, Charles Pfister, Land-scape: E L Sommerlad and Jochen Kehm.

The interior walls and eupboards are faced with oak veneer whlle most of the earpeting is green. In the area dedicated to meetings and eonferences however, there is considerable sause it's still a door with virtues variation in the decorative style. On the ground floor of the base others are failing to beat area near Tower A there is a meeting hall with a capacity for Like an innovative construc-Diffect by testing us and made up to 300 delegates. It is well equipped with audio-visual aids, translation facilities etc

mate of Scandinavia.

ect by testing in the harsh

and the walls.
On the 33rd/35th floors of Tower A, there is a complex of

and is reached via a apaclous and

comfortable foyer in which red granite is used on both thefloor



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This recognition stems from two facts. Onc, that there is u dramatic increase in the number of artists, worldwide. Two, that with this volume of artists and with rapidly-changing fashions. it becomes spurious to make a hierarchy from the many prevailing tendencies.

Several years ago there was talk of the demise of the international style in favour of revived regionalism. Pluralism came in the wake of that consciousness. It brought with it a distrust of eategories and a divillusioninent with criteria for evaluating the good and the bad in art. What is good today may he insignificant tontorrow and vice versn. As critical judgments become less meaningful and less reliable, so theory too seems less apposite und there is a temptatinn to show nrt without discussion. One reason for this could be a reluctance to pre-empt the viewers' own renctions and n ilesire to allow the works theniselves to be the sole instrument of the impact on those coming into the gallery.

This is the case with the latest

THE FIFTH STYLE

**Exhibitions** 

The Heywerd Gallery is showing 32 artists from six European countries, and the Serpentine recantly had an axhibition of threa Spanish ertists. The amphasis in both axhibitions is on the poetic in art as opposed to the thaoreticel, retional or abstract. At the Hayward, the keynote is 'Pluralism'. Jasia Raichardt triad to unraval the ideas behind the work.

the Shadow" from TS Eliot's poem The Hollow Man. The estalogue discusses the poem but stops short of saying anything enucrete about the net in

The "Shudow" of the quotation is nn intervention, an contexts of the works because intrusion, an interruption hetween the desire and its satisfiletion, the idea and its form, between n work of art and its reception. This misunderstanding or shadow obscures the to visitors in need of some Hayward Annual, called "Falls intention behind the work of art background knowledge.

and alters our apprehension of it. Here, the palpability of the that are ultimately valuable, and "Shadow" is made concrete by the fact that most of the visitors to the exhibition will confront the works on view in ignorance of the natists' intentions and the the organisers have felt it important to leave the art to speak for itself. It may be a positive challenge to a resear-

work by Yves Klcin - "Anthropometry 101", 1961, executed one year before his death at the It could be useful to know that this work in blue, whitcandgold was the end product of n regular

It is facts rather than theories indeed, there is much to know. For instance, the first painting in the exhibition is a magnificent

cher but it is only an impediment ritual. As an orchestra played Klein's composition, the "Mon-otone Symphony No !", several

selves with the Yves Klein Blue under the artist's direction and proceeded to press themselves against the cauvas, which was covered with gold leaf. Some-times the colours would be reversed and the bodies were coated in gold. Sometimes one nude would pull another by her legs, thus leaving an elongated trailing form in blue or gold on the eanvas, which on this painting assumes the shape of wo hovering moths. Sometimes the nude would lie on the empty canvas and would be sprayed together with the background in a single colour. On rising, she would leave behind a negative impression which might then be illed by the imprint of another body. Sometimes a canvas was wrapped around a single painted figure, like a shroud which, on unravelling, would reveal several impressions of a body in the round. For Klein, eolour was the

most direct form of visual communication and in his own work three colours had pride of place: clectric blue, gold and rose. His subjects were also confined - he listed them as: colour, eosmogonies, fire, anthometries, portraits and the void. In the anthropometry series, of which this is one, there were nearly 150 works.

I believe possession of these aets illuminates Klein's work, rather than detracts from looking at the pieture. Contemporary art is like any esotorie terature: initially at least, onc stands to get more out of it if one knowa what the subject is supposed to be, even though one can see that what one has in the hand is a book, or that - in the case of Klein - one is looking at a painting. The Klein and the three works which follow in the first room are a key to the rest of the exhibition and its emphasis on theatricality, sparseness and mpaet - there are no small or lelieate works on view.

The first room is about emphasis. The Alan Charlton corner piece is a prototypical conceptual work and consists of 8 identical grey verticals nine on each wall, meeting at the eorner. As one walks in front of thia acvere work, so the gaps between the verticals open and elose. They open to show the wall behind and disappear to make a flat grey surface, so that one side of the corner appears solid while the other is striped. Opposite is the largest piece in the exhibition: "Falls of Muddy Water" by Richard Long - a white wall onto which the artist hurled or sprayed muddy water which has essaaded down like a forest of weeping willows, in

belge. The last work in this room is a stone wall by Ulrich Rückriem which also benefits from some background information. This piece without a title is a metaphor of the art process which is about the finding of a subject (idea), analysing it (eutting it by Giulio Paolini, delicately position. There is always some small mismatching, the traces of which are ultimately the residue of the artist's Intervention.

The inclusion of artists from six countries adds a certain ntmosphere of festivity to the exhibition, as does the use of media which are less often eneountcred in either English or American art: drapery planta and glass, for example. This last is used here with great effect by Luciano Fabro. His "Iconografia" consists of a long tressle table covered with a white cloth on which are six glass dishes filled with water. In each is a glass object reminiscent of a severed leg or part of a torso. On these chunks of glass are written the names: Campanella, Maria Sklodowska-Curic, Pasolini,

the classical art of Fontuna, with his pierced cunvases, looks more aggressive. The mingnificent puinted bronze "Titan" by Markus Lüpertz, towering above the upstairs gallery, appears tamed as he confronts the spiky group of pointed, black "Obelisks" by Bob Law.

Like many of the works in this exhibition, these sculptures refer to history - even though all such references are filtered Here Bob Law lins given this group a somewhat different menning from the one we might expect. He explained that whoreas ohelisks were usually erected to mark an event, here they donnte each sculpture as no event in its own right and this is what is being celebrated. History is a continuous stream from which images and references are picked out and rendered anew. This is the cuse with a Burry Flanugan branze of the cougar astride a San Marco horse, or Avis Newman's quotations from prehistorie drawings in her nformally painted beige hang-

The epitumy of concern with historical ideas as material for new art is a painting by Stephen McKenna, "Clin Observing the Fifth Style", Clic, the muse of history, is shown with her customary scroll. The four styles of decuration are thuse of contpell. McKenna refers to the fifth style as that which com-bines the first four. In this sensc he picture represents the aspiralans of this exhibition. It could be said to evoke pluralism as pluralism in associating together various distinct styles to

create a new nine. The Hayward Annual includes art from West Germany, Italy, France, Belgium and Denmark. Spain is not represented, but there is an exhibition of the exhibit consists of two long piched-road bount made of white metal sheet. These have Spanish art at the Serpentine and another at the Oxford Museum of Modern Art. The three artists at the Serpentine have never been seen in England the only aperture is at the and their united presence here oftom where white rice is manifests a different visual spilling all the way round. These works are simple, meticulous and poetic in the juxtaposition elimate. All three share a brooding quality and all three deal quite specifically with some of modesty of means and aspect of the environment whose authority is consistently Without purporting to be a expressed through the form of servey of current trends, the exhibilion gives a good view of the ziggurat.

The evocative qui ziggurat is always specific, as in the ease of the original mud brick towers which surmounted Sumerian temples. Consisting of cubes of ever-decreasing size towards the top, ziggurats could have as many as seven storeys ascended by a ointerior spiral, of which the most famous was the Tower of Babel. The seven stages represent the seven states of existence and the ziggurat is a symbol of permanence and authority.

In the case of Miquel Nav-arro, the ziggurat dominates his installation of an imaginary city consisting of blocks of terracotta and constructions of zinc. The model of the eity in the gallery can surround manholes or maka spaces for eolumns or other physical interruptions, as indeed any city must make some accommodation for the natural

features of the landscape. The city is man's creation par excellence embodying all available mistskes and all avsilable

The painted ziggurats of Jose Maria Sicilia refer to the Edificio Espana -- an imaginary monument to the nation. His ziggurat is only an outline containing

pare the architectural theme in the Spanish show with the single architectural work at the

Susana Solano's ziggurats are free-standing sculptures of cut, bent and welded iron sheet. is much bigger than most of the They are unpainted shells with works of the Spanish artists. experience. Those familiar with "Falls the Shands are likely to unit June 15.

blunt edges which she has called 'Hollow Hills". sombre and contemplative experience. If one were to com-

Hayward, differences between the two shows would be nppa-

rent. The Dane Per Kirkeby's "Brick Sculpture/London" is much lighter infeeling, thoughit

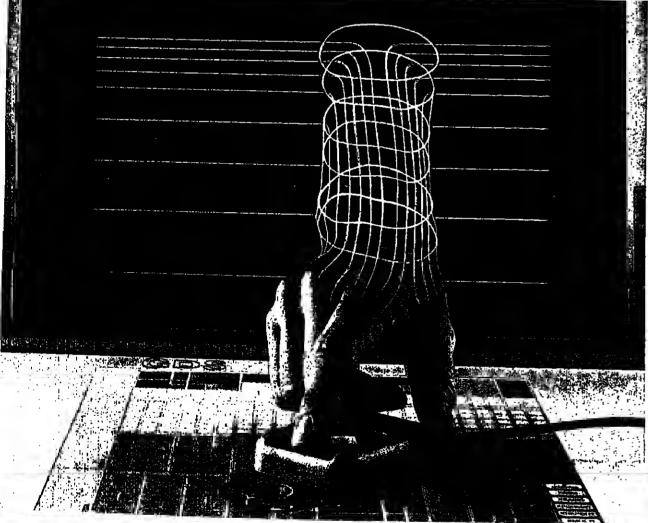
Pluralism as a theme is the most realistic of all the umbrella The Serpentine exhibition is a titles which have been used to embrace large international

The City, Miguel Nyarra, 1984-85 at the Serpeoline

accurate representation of art's state, even if it is also the most unsatisfactory to noproach The organisers of the Hayword Annual, Barry Barker and Jon Thompson, stand back from the exhibits and leave the visitors to find their own

exhibitions. It is the most

get a lot more out of this rich and varied show than those with limited exposure to the att trends of the past 20 years. The deliberate withholding of information is to be regretted. After all, why is it so desirable that an exhibition should be approached with our visual facultics alone? The rest of the mind given appropriate encouragement could usefully be put to work to open our eyes wider. "Falls the Shadow" remains ones



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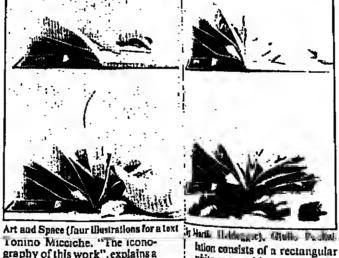
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white room with an area of the

floor covered in brilliant yellow

polien. Laib collects the police bimself and shows it as a patch of

colour. At the end of the

exhibition the pollen is gathered

up once more to be displayed

dsewhere. Laib's other evoca-

neither doors nor windows, but

reoccupations in contem-

porary art and shows how one

ype of art becomes modified in

purposeful intent.

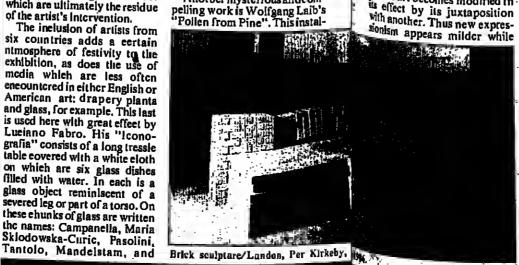
Octails from Clia observing the Fifth Style, when Mickenson, 1985.

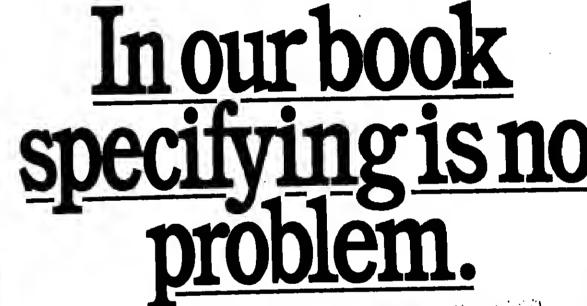
Tonino Micciche, "The iconography of this work", explains a note attached to the table, "eomes from the Gospel According to St Matthew: 'give me here John Baptist's head in a eharger'. Violence In the idea is like the violence in the body,"Of the aix characters mentioned. Campanella was tortured by the nquisition, Marla Curie died of the securedation of redfem, Pasolini was killed by a lover, Mandelstam perished in Siberia.

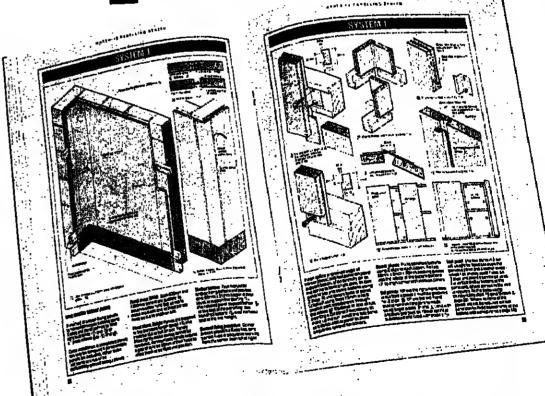
Falls of Muddy Water, Richard Long, 18

Other disembodied parts in the exhibition have less traumaitp), and then reconstructing it (as it was). Rückriem usually each opening with stones. Pale makes use of blocks of granite and elegant, it holds the book which are eut into large regular full of stones in the last photochunks and, as far as possible, graph. We do not know what the book is, but I suspect it consist of blank pages.

Another mysterious and com-pelling work is Wolfgang Laib's "Pollen from Pine". This instal-







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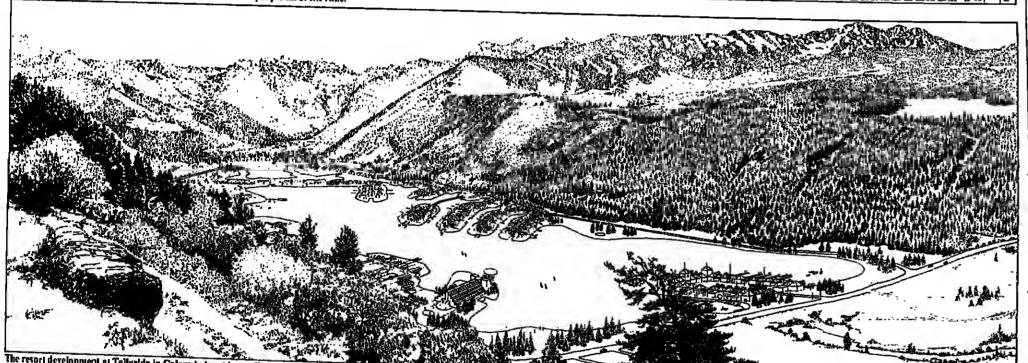
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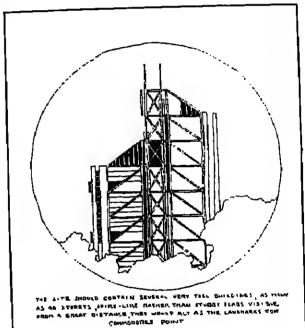
Enter 34 ONEXPRES

Kowloon Park is intended to respond to the needs of all the people all of the time



stafford starts on site this summer on derettet steetworks land ontside Corby.





commercial development are located at the periphery. Kowloon Park consists of a

Kowloon Park consists of a 13ha sile to be developed for the urban council, funded and project managed by the Royal Hong Kong Jockey Club. Though in its early stages—it has a daunting 2½ year design and build programme—a development plan has been threed to fundament discus-

importance should be reflected

in a multivalent approach to

the lotality of life satisfactions".

The proposal has been developed to emphasize the present

Design who habitually begin at the back of the paper may have observed a recent recrntiment adverlisement from Derek Walker Associales. While in some enses this can simply reflect a rapid staff turnover, in this instance the cause has been the arrival of four major projects in the office,

What makes the prospect of working up these schemes so interesting is the fact that they are ench so different in context and brief, their scale being tha only common factor.

As chief nrehiteet and planner nt Milton Keynes during its formative years, Walker corned something of a reputation for his capacity to organise and struc-ture large scale building programmes so it is perhaps not surprising that these current projects call for axactly that ancillary accommodation, as

The office has developed a high degree of expertise in the expanding leisure market, boosted inrgely by involvement in the moster plan for Wonder-World themapark nt Corbyover the past few years, and each of the projects explores particular rspects of leisure and recreation,

Wonder World Itsalf Is now wonderWorld lisalf is now set to start on site in the summer following the assambling of £150 million of its first phase funding. The site comprises 400ha, half of which was quarried for the excavation of iron ore. The scheme will revive job prospects in this area of high unemployment. unemployment.

Set across a rift vallay nway from any built up areas, the mnin park is bordered by nhuge rampart ring with the main theme building across ita diameter. Car parking, the Jack Niklaus golf course, n hotel and

go deeper into thermal technology The results?...

Lining insulation that passes unique fire tests.

Beyond question, Calebra and Calebra and

Beyond question, Celotex double-R is today's answer to your industrial roof and wall lining rigid, reinforced PIR foam panels with their railum foil facings give higher insulation safely is even more critical. Fire tests on large clearly prove the extra double-R safety factor. So double-R can claim unique UK 'firsts': First approved. First to be Factory Mutual approved. Can you afford to specify anything

double-R

Details and samples from Celotex Limited, Warwick House, 27/31 St. Mary's Road, London W5 5PR, Tel: 01-579 (1811).

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THERMAL

of someone using the works equally of someone using the work. Celotex Energy-Lok works equally more. Celotex Energy-Lok works equally systems. Hot or well with all today's systems. Hot or well with all today's systems. Hot or well with all today's systems. Hot or well today's systems. Hot or membranes, polyester felts... you membranes, polyester felts... you only need specify Energy-Lok only need specify Energy-Lok only need specify Energy-Lok only need specify formance of the thermal performance of th Energy-Lok

Colorado, where the Cordillera TEAM ENGINEERING Clotex produce a zoning plan for a 300 berths. PRODUCTS FROM. resort complex covering some

houses, a ski lift and a golf

Most of the low-density housing will be low rise and sited

ings and storage depots will be cleared for a substantial residential, commercial, leisure and park's strengths, replan its cultural development. The eleweaknesses and integrate a valed approaches to two bridges series of events to make a cross the site and these, together pleasure garden of active and passive elements defined by the sides form the most dominant topography and natural partiers to separate visually and acouseast-west connectors.
A secondary road grid than subdivides the land into "devel-

tically. Copenhagen's Tivoli Gardens is seen as a model, at least in terms of its changing rote through the daily and seasonal cycles.

Telluride, in contrast, is a breathtaking wooded valley in the San Juan Mountains in the San Juan Mountains in Colorado where the Conditions. A chief capital on the materials of the materials. least in terms of itschanging role civic centre on the waterfront Corporation have commissioned Derek Walker Associand a marine museum. Two ates and Desmond Muirhead to marinas will each provide up to

Ian Latham

### THEFIRSTANNUAL BUILDING CENTRE TRUST PHOTO-EXHIBITION

This year the Building Centre Trust is sponsoring a major photographic exhibition, the theme of which is FORM and TEXTURE in FACTORIES and INDUSTRIAL BUILDINGS

Entries for this exhibition are invited from Professional Photographers, Amateur enthusiasts and Students

> Portfolios of between three and five prints in monochrome or colour are invited. Print size must not exceed 12" × 16" Print submission deadline: July 7

NO ENTRY FEE

The photographs selected will first be shown at the Building Centre Gallery, Store Street, London, and from there will be sent on tour throughout the United Kingdom.

The dates of the London exhibition are September 2-19.

Photographic assignment with Building Design to the value of £500,

courtesy of Building Design (open to all categories)

Second Prize: Canon T90 camera, courtesy of Canon UK (open to amateur and student categories)

Other Prizes: £200 cash prize (Professional category) £100 voucher (Amateur category) £100 voucher (Student category) £100 voucher (Professional category) all courtesy of the Industrial Building Bureau. £25 (£50) voucher (Amateur category) £25 (£50) voucher (Student category)

courtesy of Euro Photo-Centre Two prizes of two Weekend Workshops each from the programme of the Photo-Short-Course-Unit, Brunel University (for each of Amateur and

Student categories)

courtesy of the Photo-Short-Course-Unit

Please send all photographs to: The Building Centre Exhibition Mrs Diana Hunt The Building Centre 26 Store Street **LONDON WC1E 7BT** 

ENTRY FORM	
Name:	
Address:	***************************************
	•••••
Tel. No:	
Number of prints submitted: 3 4	5
Professional Photographer Amateur Photographer Student (full-time)	

### Elusive Welsh charm

By Robert Harbison

the buildings of Wates: Cleyd, by Edward Hubbard (Penguln, £16.95).

MOST visitors to Wales in go for the architecture. Edward Hubbard's new volame in the Buildings of Wales, alled Chryd but actually avering the old counties of Denbigh and Flint, is full of suprises and discoveries, buil can't turn Clwyd into fincany or even Northamp-

When this volume has done its testwesee that we were, roughly caking, right to think that fales wasn't a land of grent

But the book shows that to see that way is to miss the point, or a miss a great many small siels. For the interplay betum Welsh landscape and altere has indeed been long, aid, and peculiar, and it mages vividly in certain charstristic constructions which, if samong the highest pinnacles fart, offer the most wonderful inces for understanding the

sally tactful and considerate ide. It is suddening to hear of killness which slowed wurk on is volume and which, one gets de unhappy foreboding. prent him from contributing ders to the series. (Gwynned, n bappear). One of the things I best about his method, ich gives this valuate a editative flavour, is the way he takes us aware of past writers medieval poets who des- to many natives as if you had fied a certain emintry house, plonked down Henheim Palace

INDIVIDUALITY. BY+CHARLES. FRANCIS十十十 ANNESLEYTT

1915

VOYSEY. ++

NADDER BOOKS 1986

Teprint of this rare 1915 monograph by Voysey, originally published by the Hall but out of print for many years. The original has been reproduced in faceimile with the addition of a front spiece portrait and illustrations Voysey's most characteristic designs. It is published by Nadder Books ment Books, at 14,95.

#### or Gerard Mnnley Hopkins in one of these narrow valleys. who wrote most of his poems in There are churches and there ure chapels: to go to Wales to look at Perpendicular Gothic is an undistinguished Victorian complex near the coast and had a charneteristically pungent word to say about the buildings. probably a bit perverse. Hubburd's hook gives some wonderful glimpses of that other terhaps the absence of unjor monuments leaves the leewny culture, u chapel named Ebenwhich allows Hubbard to surezer around the corner from one round remantic spots with the named Jernsnlem. tissue of thought they have In Victorian times one has inspired (Dr. Johnson's friend

Welsh worked).

glass in Britain.

Flemish madels.

many of modest extent and rude

detailing, often with a primitive

vigour missing from more

expensive versions over the

border. One of the great attrac-

tions of almost all Elizabethar

and Jacobean artifacts, however

courtly and metropolitun, is a naive enthusiasm which sets

them off from their Italian and

The book whets one's appe

tite to know icho it was that built

these solid and moderately pretentions houses so thickly it

this part of Wales. The hook

glides over the matter of the

English influence und presence

in Wales, a ticklish, even a sore

subject. The author, for exam-

ple, has lived all his life in

neighbouring Cheshire and

It is hard to mise this question

without spooting bigotry one-self. These mansions which seem

so endearing and homely to use

ntight have looked just us alien

not, I believe, Welsh.

Street's or Penrson's refined Worthington taking ten in a bark-temple by a waterfall, for work on one side, taking some account of Welsh textures, colexample, near where the first translator of the Hible into ours and conditions, but still a kind of import. In a middling position lies the work of a local And if one finds no great architect such as John Douglas. enthedrals here, there are impressive series of prehistoric hill a cross between vernaenlar and Gothic. Then on the other side forts in grenter profusion and the chapels, not untutored more striking spots than one woodnotes, but copybook ltafinds in England. There are the lianate in rancous answer to the

well known medieval castles, learned and overbearing Got-Denbigh, Flint and Rhuddlan, the outstanding ones in Clwyd. There are some rich, late Gothie churches, clustered fairly neur the English border, Gresford, Mold, Wrexhum, including some of the best late medieval Then, perhaps the most interesting category, a huge collection of late 16th or enrly dispersed, and villages and even hamlets first appear in the 19th 17th century munor houses century (except for the amali

This book conveys a more powerful sense of a social hiatory than volumes in the series usually have, but does this unobtrusively, uninsistently. Wales is a place quite different from any part of England, a place where settlement was

purpose-founded in the 13th

and 14th centuries). Focts which

AN intriguing publication arranged chronologically that

help make it an elusive country to this day, but one for which powerful tool for learning in its

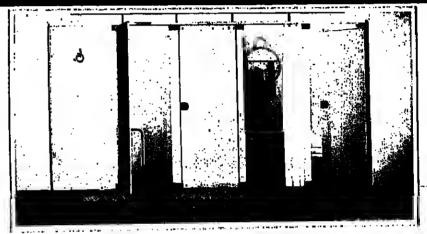
awe, that Nikolaus Pevsner's example in the Buildings of England should go on inspiring the kind of devoted labour this book represents, resulting in the most wonderful gift to the lover of landscape and the human evidence it is seeded with.

### Dreams reality

Sarah Crewe, (Waterslone Books, distributed by Thames & Hudson), £16.95.

ture through case studies of unexecuted design. The illustrations, many of which are not familiar, are varied and well reproduced, and constitute the

A design for a vast, centrally planned cathedral, that has been attributed to intgo Jones and John Webb, now at Worcester College, Oxford.



### Specify heavy duty without sacrificing good design.

It's an unfortunate fact that people don't always treat things with the respect they deserve. So the tendency is to design for strength alone. But now there is a range of cubicles that complement the good design which you have achieved in the rest of the building but are also rugged enough to

COMBAT cubicles for toilets, showers and

changing have metal faced panel doors, vandal resistant fittings and trims and framework finished in anodised aluminium ... and they are still

attractive. Send for our detailed. illustrated literature and see for yourself how we combine good looks with rugged reliability.



Enter 36 ON EXPRESS ENQUIRY CARD

### QA comes to chemical damp-proof courses

suspicion in some building circles — a suspicion which was not allayed when the British Board of Agrément some time ago discontinued its registration chenie on the introduction of the BS code of practice — the chemical daup-proof course business has just been thoroughly vindicated by the launch of three quality assurance schemes hased on ItS 5750.

Scheme I covers the registration, as a firm of assessed capability, of the manufacturer of the damp proof course injection fluid and his products; the second covers the mstallition of chemical dampproof courses and includes provisions for remedial photoring above ground level. The final scheme covers manufacturer's quality-approval schemes for installation contractors.

The latter scheme needs some explanation. If the chemical manufacturer is registered under Scheine I und operates an approvals scheine for instillers which is registered under this scheme, then the approved installation contractors can be nominated and apply for a Certificate of Entitlement which allows the installer to refer to the

number. The magifiacturer has to show that he carries out unimportanted inspection procedures to ensure that Generally, all this is very good

news. It is a sector of the industry which has in the past suffered from more than its tair share of cowhoys. Now, with a QA backing. this element should be removed.

At the launch of the scheme, the first registered firms eet tilicates were distributed. Sowereign Chemical Industries was the first manufacturer certificate, while firs installer recipients were Drywall Services, First Hudding Preservation, J Moor Damp Proofing, Plunumer & Hockey, RLH Group, Spa Preservation

Total 100 INCOMES SAID





SMALL Scale Construction is a new architectural model service tor architects, interior designers and a wide cause of materials. appropriate to the particular requirements, SSC 3 models are pro-lined to a high standard, horti-building interior of exterior models, as well as landscapes for design and display purposes. Based in Leicestershire, SSC is happy to nieet prospective clients and discuss their requirements.

Line 103 ON EXPRESS

### Curved windows

MSC (Environmental Engineers) has developed a fast technique for producing a variety of curved aluminium inserts for Georgian style windows. Speedy delivery and a plocess which lends itself to requirements to suit all normal glazing specifications are features of the system. According to MSC, its new technique has great relevance to work which is intended to hlend with older huildings in conservation areas.

Enter 104 HILL PRESE



METHANE CHECK control, which switches on, off and to battery check mode, the Gascheck is simple to operate. Air is drawn through a 2m hose to a

FOR use where developments are sinuated on reclaimed rubbish tips, the Crowcon Instruments Gascheck 74GC will, within 10 seconds, indicate the presence, or otherwise, of methane or pentane which could seep dangerously into asements in such locations. This hand-held instrument offers

meter analogue scale with a response time of 10 seconds. a quick and easy method of earrying out inflammable gas spot-checks. It is calibrated from 0 - 100 Powered by a 6V battery, the Gaseheck measures 73mm x 136mm × 140mm and weighs 2,25kg. per cent lower explosive limit of either methane or pentane, but ealibration for other flammable gases and vapours is available to calibration for other flam order. Having only one external

Enter 105 CH EXPRESS ENOURY CARP

detector cell by means of an aspirator bulb. The concentration

of gas is registered on a moving coil

### Manhole base

asE of installation and improved for fixed and an area of the for fixed and an area of the fixed and an area of the new them Osma Drain manhole base, actal siddition to the 160mm Outstandsauge from waven Buding Products, it is supplied with livescaled Inlets and one solid outer and is intended to be doo 2750mm equare concrete

Put 106 ENGURY CARL



CONTAINING a number of special security sateguards, such as enclosing the solenoid within the lock mechanism, the latest electric mortice deadlock from Pickersgill-Kaye is robust and can be activated externally by most access control systems. A mechanical override system, based on the KABA 20 dinder, is also incorporated in the lever furniture to provide access if there is a power failure. The lock has unti-saw rollers and through-deadlocking.

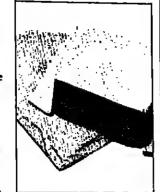
### Roof vent

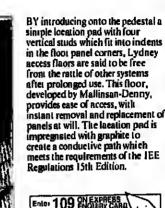
ZAMBA Junior is a smaller version of Nicholl & Wood's adminium sinte roof ventilator. It gives 5,000sq mm ventilation area and is naide of aluminium with a tough double nerylic powder conting. Fitting simply into the space left by the removal of a single slate, the Zamba Junim can be installed without my catting. Blite/black is the usual olouring, ulthough Nicholl and Wood can produce ventilators to match green Westmodand slates. Other colonis can be produced on

Access floors

1 1

Luter 108 OUF XURESA





Enter 109 ON EXPRESS

Subm 27 ONEXPRESS

### Telephone system

INTENDED for use in the smaller office or the home, the Lynx MX-5 Lynx Communication Systems allow one exchange line to serve up to live separate extensions.

Claiming to offer a range of features at an unrivalled low price, the MX-5 allows external calls to be made from all phones, calls to be held and transferred, or intercom and conference calls to be made. The system also includes an acility. Lynx MX-5 is backed by

Enter 110 CHEXPRESS



### Towel rail



Plastic subframes

OFFERING an alternative to traditional timber subframes for steel and aluminium windows, the new Centuryplas upve subframe from Ideal Williams is

limensions, so that It can be used to replace old subframes without iteration to the window opening.

ultra-violet stabiliser, these durable subframes have fusion welded corners and should give years of trouble-free life.

Large panels

or to the window. Supplied in colour-fast, white upve with a

WARMING towels and the bathroom at the same time, the new EO 350 electric radiator/towel warmer from Myson has a dual thermostatic control which can be easily set to get the best economy from the equipment, while providing the comfort required in the bath toom. Both radiator and towel rails are oil filled and the radiator panel gives up up to 350 watts of heat. A vailable finishes in which the EQ 350 cm has used in the thermostatic control which can be which the EO 350 can be supplied

Enter 111 PREXPRESS

DON Reynolds has extended ita range of flat panels for inclusion in its cladding and curtain walling

systems by introducing larger panels, up to 6m long × 1.8m wide. Available in 50mm and 100mm thicknesses, panel finishes include

pvi<sub>2</sub>, polyester powder coating, anodised aluminium and pvc in a wide range of colours. Panels can be individually realess. be individually replaced without loss of integrity of the wall.

Enter 113 ON EXPRESS

### Folding tables



SEID International has acquired the European manufacturing and distribution rights for the American Tempest range of folding and flip-top tables. Available in a wide tange of top sizes, the folding tables have a powerful trestle bar with a rotational lock, and the Flip-top tables have springloaded support tables have springloaded support

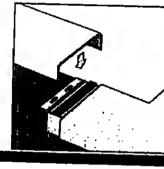
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### Secure copings

DESIGNED to defeat thieves and DESIGNED to defeat thieves and vandals, Grodcap wall copings from IMI Broderick Structures can be used on all walls up to 51 5mm wide. Made in 2mm thick mill finish aluminium alloy, colour coated if required, the copings come in three different designs, all supplied with specially fabricated abutment ends, tee sections, corner sections etc.



3



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### Shelf supports



ELIMINATING potential dust treps, Cliffhanger shelf supports from Chainport fit flush to the wall and the shelf board is slotted into retaining grooves within the support. There are no uprights or brackets, yet the abelves are deceptively strong and are well capable of earrying normal shelf loadings. Supports are supplied in two sizes to accept either standard 15mm shelves or 19mm bonded laminate boards. Cliffhanger supports are in aluminium in lengths from 610mm to 2,440.

Emer 115 ONEXPRESS

oorsets

Guardian Security Doorsets Unsurpassable value in Steel Security Doors





CARRYING a 10-year guarantee Stamp 13K supplies a series of French-manufactured plastic contract chairs which have severa significant benefits. They are said o be unbreakable, will safely stuck to be innucement, whishery str to let high, me supple and move with the sitter's body, me non-parous and my stabilised, tather leatures include lightness, mitability for inside or om side use, and the possibility of customisation with company togo

Long 116 Philade Sale

### Road barrier



WITH the help of an extra powerful hydraulic drive system, Pitts Security Gates has succeeded in introducing a vertical-lift, single boom barrier for road and entrances up to 10m wide. What is more, there is no need for external counterbalance weights. For adde scentrity, folding and rigid skirts can be litted above and/or below the boom, while on booms without skirts, a pneumatic safety edge can be fitted to reverse the boom on

Enter 122 ON EXPRESS

### Flue pipes

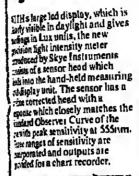


Duracem range of asbesios-free products has been enlarged by the pipes and fittings. Both light and heavy quality products, designed to suit flue and ventifating applications, have been applications, have been introduced. They have been tested y the Warrington Research Centre to prove their nonnbustibility, and their suitability for use with gas appliances has been confirmed by the British Gas Corporation.

TAC Construction Materials

Enter 124 OIL EXPRESS

### light meter



"117 CHEST PRESS



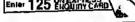
### Sun lounge

PRODUCTION in modular sizes
(3,15thnus, 4,180mm and 4,840mm
wide × 2,500mm deep) Spectus
Windows' new Highlight Sun
Lounge gives excellent thermat
insulation with its scaled unit clemble-ghring and upve frames. Specins Windows' products have seen tested to three times the most severe exposure conditions laid down in the appropriate BS. Doors and optional windows mated into the Highlight in Lounge are fitted with scently



### Portable floor

finishes, Wicanders new floating floor system consists of one of the two finishes applied to a series of tongued and grooved fibreboard panels which slot together. Panels measure 900mm square and, once assembled, are locked in place by a device operated by an Allen key. Corner and edge panels incorporate a matching sloping hardwood trim, and assembly and mounting is speedy.



• THE · ASSA • SPLIT • FOLLOWER • SERIES •

The State of the Art

 $\int_{\mathbb{R}^n} \int_{\mathbb{R}^n} e^{-p_n t} \, e^{-t} dt \, e^{-t} dt \, e^{-t} dt$  ASSA Spla f ollower Lock coross Topics and the attinute as the society. The chreck

degrees of series and level of security needer target combine

Spot Follower cargo has been developed and too led to street

and extra expense, such as government departments.

Since being laser incidention Drinted School in 1983, con-

Astronomical densities one can adjust be comes the approval of

Park and regressives to proping shorts where contribute or the

retiversities, bredelas, end ancie commete una ocuplesces. The

Spit Follower Grade Control Systems.

The more details, enabled to the control Systems.

The more details, enabled to ordinate to details and the switch and

Split Follower unspecial training integrated into the ASSA 600

them in one single lack case.

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and detect of the address he ow

Wiresalt of car commission to research, development and annowable), the assumity claby looks are often also undependent that there is each side at the dien. So you had choose the



Enter 38 SNEXPRESS

Permanan Hint-Resisting Clerk

### Mirror Mosaic Wall Cladding

vulnerable situations.
Extensive consuttation with various government bodies, police and insurance companies has led to a unique design of door which exceeds the expected level of security for usual commercial situations such as shop rear entrances service stations, offices, schools, hospitals and other public buildings.
The construction is based on the highly successful Cuardian fire resisting doorset which has been used extensively throughout the world and meets all leading test standards. The security version incorporates a specially constructed outer-panel comprising an tuner galvanised steel profiled sheet for strength with a flat outer skin to provide a smooth attractive (see. The outer skin

strength with a flat outer skin to provide a smooth attractive isca. The outer skin

has bevelled edges which make levering difficult as well as giving additional

protection to the lock and hinge areas. The lock cylinder is recessed into the outer door skin to make chiselling or direct stack difficult. Frames are double rebate profile suitable for building into 100mm brick or blockwork. The head

Mirror-Fiex is a flexible aheet of glass mirror mossics available in a wide range of coloura, designs and antique finishes to suit individual teates and requirements. Mirror-Flex is ideally suited as a wait cladding material in Hotels, Pubs. Night Clubs. Discos. Restaurants and any areas that need mirrors with e difference. The flexibility of the product means that it can be used in a conceve or convex position ee well as flet surfeces. It is easy to flx into difficult areas, e.g. cladding columns, and has the added advantage of its ettractiveness with its unique finish. A new design finish which we call "Astral" is evailable with some very distinctive colours, Samples are evailable.

For complete details fill in enquiry number 6001

Fire Protection Glass

Pyrostop is a specially constructed multi-laminated gissa that not only holds back flames, but also the heat of a fire. It remains pariectly clear until exposed to fire; special layers within the glass then form an opeque shield that prevents the transmission of radiant or conductive heat, as well as affectively blocking flames and smoke.

it is, therefore, the solution for applications where fire protection is paramount (particularly along escape routes within buildings) and where clear, distortion-free vision is





The latest computer elded design and manufacturing techniques have been employed to produce an effective security doorset suitable for most exposed or standard. Special finishes are available subject to quantity.

rebste profile suitsble for building into 100mm brick or blockwork. The head frame incorporates a nosing section which provides additional security and sets.

For complete details fill in enquiry number 8000

frame for added security.

made with rawbolts or similar are easential.

#### Wade International (U.K.) Ltd

standard. Special finishes ere available subject to quantity.

All standard doors are supplied with e 7 pin security lock incorporating drill resistant cylinders. Handles may be fitted to the outside face allhough operation

reassant cylinders, nancies may be inted to the obtaide face annough operation must be externally by key or internally by thumb turn knob. Alternetively, where necessary, internal panic herdwere can be provided. Hinges are of herdaned steel and have cranked flaps incorporating dog boits which project into the door

The Guardian security door must siweys be outward opening and wherever

possible fixed in line with the outer face of the wall, as illustrated, to permit full opening, ideally the door frame ahould be built into brick/blockwork and

backfilled with mortar. Where fitting to existing openings atrong secure fixings

Guardian security doorsets are evallable from atock in the standard sizes shown.

Special sizes and hardware preparations can also be produced with prices and

Manufacturing expertise Technicsi aervice

WADE is firmly established in the U.K. end oversesses a leading manufacturer of high quality drainage products, committed to e policy of continual product development.
We introduce our new comprehensive Floor Drein catslogue showing Vsri-Level osst iron dreins with gratings and covers evallable in nickel bronze, S.G. iron, cast stainless steel and other materials, in everiety of styles

Coming soon is the new Wede 2000 Series range of Floor Drsina, and comptetely revised literature for Roof Drains, Rodding Eyea and Gresse interceptors.

For complete details fill in enquiry number 8008

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Sanitary Towels

By now the first choice of many architects and authorities,

the Sanistrel disposes of a delicate problem quielly, hygenically and thoroughly. Within thirty seconds the sanitary towel is shredded into tiny particles in running water and discharged to the drainage system. The machine

is completely automatio in operation, starting as a towel is

inserted and awitching itself off after a complete disposal end washing down cycle of 1 1/2 minutes. Other towels may

be inserted during the cycle, each resetting the sequence to ensure that the last towel is dealt with and the machine

For complete detells fill in enquiry number 6006

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Safari fulfils the growing need for e reliable creetive organisetion to professionally design and instell polyesterally landscapes.

We use the highest quality piants specially selected to suit each individuat scheme. This includes 'naturel' stem polyester-ally trees from 3ft to 30ft, special quality plants for exterior projects and a fully comprehensive renge of interior apecimens.

end waste pipe are thoroughly clean.

### lorkshire flags



t Dt 1 use of the latest moulding and colouring techniques is made by Haldwin Industries in the rimulacture of its new Yorkshire thag pavers. Available from Auderton Concrete Products, these flags come in Adding, 45thum and following squares, as well as 6001 s. 450 and will a tellinen rectangles all to a uniform 4them thekness Yorksfure Itigs are supplied in packs of random sizes

trees 118 Paramer Shirt

### lank components

apactional tank companients are is available ex-stock from kaiman Plastics, These are speed in two sizes, 1,000 mm; unct thom square. Their cross-stonal form results in an samely rigid tank when the about see bolted together and adding allows internal tie burs turnal bracing to be fitted, as the difference of external look, corrosion resistant



Rticicity, Y constructed in heavy gauge stainless steel, the new friction hinges, which have been added to the Sheerframe upve window system by t. B Plastics, have a positive fixing which ensures a weatherproof fit for opening lights. These friction hinges are available for top-hung and side hing configurations and in sizes which tange from 150mm to 600mm for top-hing sashes and 300mm to 400mm for side-hing

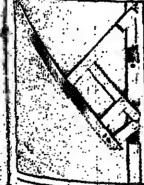
### Enter 120 (ME appe Must

### Desktop copier



-119 PRESENTESTAD

### hiction hinges





121 Published

Also Transition

# system from Cavity Trays

Denzcrete Specifiers Guide

### **Cavity Trays**

For complete details fill in enquiry number 6002

Cavity Treye of Yeovil have launched a new vent/weep eystem. The introduction of an extension duct, enables their Type W to be transformed to perform numerous other tasks. An obvious example is to set as e major streight-through ventilstor,—tdeaifor underfloor vent purposes. In view of the recent N.H.B.C. Bulletin which recommends weep holes to lintels, this advantegeous system must be welcomed by Architects and Contractors every where. Only Cavity Trays of Yeovil offer such a system. Apply for

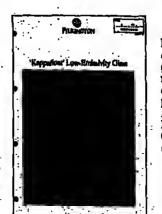
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### Denzcrete Building Blocks

To build with confidence — build with Denzorete. That's the message in the newly published Denzorete Specifiers Guids, it's e real handful and contains all the architect, epecifier or builder needs to know about Denzorete building blocks. To get your copy of this information-packed guide, conteol E.C.C. Quarries now. E.C.C. Quarries Limited, Northernhey House East, Northernhay Place, Exeter, Devon EX4 3QP. Telephone:

Exeter (0392) 52231.

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Pilkington Glass

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Kappafloat glass has a special low-emissivity costing developed by Pilkington Glass. Used in sealed doubleglazing units, it reflects room warmth back where il's needed — in the room — and traps warmth created by solar energy. The result is a 80% improvement in the insulation performance of the unit.

Also, the inner pane of a double-glazing unit filted with Kappeflost gtasa is simost et room temperature. Consequently cold zonee near the window and condensation on the gissa are virtually eliminated.

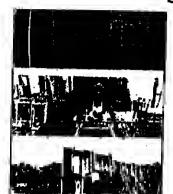
For complete details fill in enquiry number 8006

The new vent/weep



Time 126 CHI STATE STATE

### Timber buildings



GUILDWAY, one of the major names in tumber frame huilding design and manufacture, has published a technical manual describing its system in detail. The desling with such aspects us thernial performance, sound insulation, fire resistance and ctardancy, and rouf, wall and our engineering. Also listed are the supply items which ninke up the busic Guildway package.

Luter 127 Philipped Com

### Dry roofs

SANDTOFT Titeries has published a four-page brochure describing its ventilated dry fix roofing system. This comprises two separate systems — a ventilated ridge and a dry fix verge. Fixing instituctions al both devices are included and line drawings illustrate all their components. illustrate all their components.
Buth systems require no wet trades whatsoever and are compatible with Sandtoff's Double Roman, Lindum, Double Pantile and Bold Roll profiles.



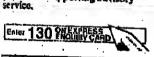


DUALFORM cubicles and paneiling system are the subject of a new six-page colour leaflet from Bright Plaatie Panels. In essence the system uses one profile with all exposed edges of panels softly post-formed to 5mm radius. The Dualform element is used for doors, pilasters, headrails, light doors, pilasters, headrails, light pelments and ducting, formed of high pressure laminate bonded to 18mm high density chipboard. There is an extensive range of standard colours.

Enter 129 ENEXPRESS

### Surface drains

AN excellently presented 20-page technical manual, which deals with surface water drainage systems, has been produced by Kaskade Drains. This colour brochure covers like maga of hard and stoping lawer glass reinforced concrete surface water channels for use is like the deal. giass reinforced concrete surface water channels for use in light-duty and heavy traffic paved areas. They are supplied complete with a variety of gratings and backed by a full kit or accessories. Kaskade provides a supporting advisory service.



### **Fittings**

TWO new pocket-sized publications have been introduced by Hepworth as a result of the integration of Stoneware Ierracotta products range. Both are pocket-sized booklets. The first concentrates on Stoneware products and is an illustrated range list which includes chimney pots and flue liners, ridge tiles, lirebacks and firebricks, airbricks, and firebricks, airbricks. engineering bricks, cavity liners and quarry tiles. The second is a price list containing both ranges.

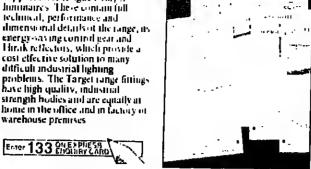


### Luminaires

Technical literature

TOTAR in widata their base testiread by Moorling Demical to support its relevigued Target hormaires. These contain full tychincal, performance and dimensional details of the range, its energy-saying control gear and Hirak reflectors, which provide a cost effective solution to many difficult industrial lighting problems. The Target range fittings have high quality, industrial strength hodies and are equally at home in the office and in factory or

Ironmongery



LAIDLAW Thomson has published a new architectural

published a new architectural iranmangery catalogue. Containing 300 pages, this illustrated publication includes much technical infarmatian and

lists many thousands of products making it a valuable reference

work far all specifiers. For ease of use the catalogue has been

groupings, fram hinges and doar furniture, through to windaw and bathroom fittings. Many new features have been added.

Enter 134 ON EXPINESS

The second second second

MARFLOW Engineering has published new literature dealing **Britannia** with its Britainnia Trident Monobloc sink inixers. These high Monobloc sink infixers. These high performance and competitively priced units are manufactured to BS 5412 in a range of glossy and wipe-clean finishes. These include chrome, six single colours (Mocca, Reil, White, Beige, Burnt Sienna and Avocado) and three dual tone enamel sinks (Cognac, Terre de France and Safari). The Trident Range Ento: 135 CHEAPRESS

We like special problems much,

we set this one for oulves.

Blocks

|Sink mixers



INCLUDED in Plasmor's new literature pack is a full colaur brochure dealing with the company's architectural masonry. Available in 10 colours, in plain or shot blasted finishes, Plasmor's products are manufactured from naturally occurring appearance. naturally occurring aggregates and comprise a full range of black types. Other pieces of literature in the pack cover all the Stranlite range of blocks, flooring blocks and paving blocks.

Enter 136 ON EXPRESS

EXPANSION JOINT DETAIL

### Technical literature

Pilched roofs TACTIES, one of the new names severe roof lifes, has published wind issue of its magazine wind such good pitched roofing paties. Pooficest. This edition could be settled on the saving of the dibern at Coggeshall, an stoke on new sarking techniques, myodite on the roof space and shoop problem and a sepaint submitted by a reacting receiver. Regular features are

THE N



laminated glass

### PLFART Y indicating the performance comparison between laminated glass and orshipmy and

thinghened glasses, Sidaglas I animated's new wall chart spetts unt the benefits to safely and security of using its products. In a chart form, it compares the scores achieved by each type of glass, out of a possible 45. I amounted glass secred heavily for its ability to maintain a bainer even wheir broken. Toughened glass scored

Fise 138 (\$1.55. 5a.\

tom 39 Properties

157 FLOOR WINDOW DETAIL

### Concrete pipes

CHEMICAL resistance of concrete pipes is the subject of a new data hert from the Concrete Pipe Association City Broman, its les finicat director, points out that conciete in the form of conglomerate is a naturally committee material and the concrete used for pipe maunifacture sumitates this highly stable rock. He goes on locaptain tion concrete stirs are multicoted by all legal Ithrents fand many illegationes as nelft and wilt resist aggressive ground waters it sulphate ir sisting centent is used

rate 139 our senses \



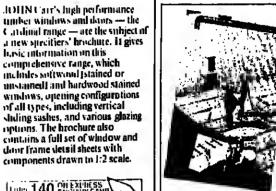
### Low pitched roofing

CLIPDECK 400, the secret fixed, profiled roofing system fram Gavle, is the subject of a new four-page brochure. Based on a 400mm module and with centres of corrugations at 200mm, ClipDeck can be supplied in aluminium or steel in lengths up to 25m. It is fixed by means of an overclip method, which ensures a positive lamp to the side lap and sutomatically correctly positions the next sheet. Weathertightness, even at low pitches, is ensured



Enter 141 ON EXPRESS

### Spray roofing



DAVID Roofing, part af the Briggs Amasco group and specialist in spray roofings such as Manoform and Bituspray, has published a four-page brochure explaining she properties af its two complementary systems.

Monoform is a ductile bitumen emulsion integrally reinforced with chopped glass fibre rovings and Bituspray is a madified bitumen and rubbec latex combination which gives a membrane of great

Enter 142 ON EXPRESS

### Quality windows



Cardinal range — are the subject of a new specifiers' brochute. It gives lusic internation on this comprehensive range, which inclinies softward Istained or unstanted! and bardwood stained windows, opening configuration of all types, including vertical sliding sashes, and various glazing options. The brochure also countains a full set of window and door frame detail sheets with imponents drawn to 1:2 scale

Total 140 ON EXPRESS

### Flooring

CONTAINING full dats concerning James Halstead's
Polyflor contract vinyl floaring
range, the newly published
brochure is accompanied by a
technical information lesslet. This gives practical guidance on the installation and maintenance of inssenation and maintenance of Polyflot flooring, including data on subfloor preparation, adhesives and end-user specifications. New Polyflar Super XL is covered in the brochure slong with other types of floaring.



Emus 143 ON EXPRESS

### Roofing data sheets



BRIGGS Amasco has published the first technical sheets in a series intended to supplement the information in its mastic asphalt handbook. They are intended to assist the apecifier and contractor and the first four abeets deal with protected membrane roofing (giving critical details), vapour barriers (also containing detail drawings), surface treatments and vertical asphali work.

Enter 144 ON EXPRESS

### Grg board

PLASTAGLASS, a glass-fibre reinforced gypsum plasterboard, is the subject of a new four-page tenflet, published by Behastop Systems, in the pass this subject of upstands, soffits and margins associated with suspended cellings. Today it can be used to provide pre-moulded bulkheads, window boxes, celling panels and beam and column casings of almost any shape and aize. A finish similar to fibrous plasterwork can be achieved.

Enter 145 ENOUNY CARO

information on the products on enjury calc

### Luminaires

SPECIALLY developed for use with open cell cellings, and in particular Formwood's Formalux particular Formwood's Formalux and Maging II specens, Program Lighting's range of downlighters, spotlights and fluorescents is presented in a new 28-page colour brochure. Designed so that the fittings integrate completely with the ceiling systems, these lumineires incorporate the most up-to-date lighting technology and have a number of functional advantages, all of which are explained in the brochure.

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OR COULD YOU?

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GROUND FLOOR WINDOWSILL & PLANTER

ENTRANCE STEP

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### Cladding

ALTHOUGH almed primarily at the roofing and sheeting contractor, the new 24-page guide to its roofing and children affecting published by H H Robertson will be a useful reference for the building designer. It includes detailed fixing instructions for Irisonici comments pages. Trisomet triting instructions for Trisomet composite panels. Novached and Versacor single skin cladding and type M liner trays. Relovant load/span tables are also included.

Enter 132 NEAPRESS



# REQUIREMENT

BY HENRY HAVERSTOC 01-267 7676 with comments or cri

12:

(1) Subject to sub-paragraph (3), the calculated heat loss (W/K) through any windows and no shall be no greater than it would be if—

(a) the aggregate of the areas of windows and roc were I2 per cent of the areas of windows and rocal welling, and

(b) the windows and rocalights had a U value of I went is the exposed elements shall be no greater would be if—

(a) The calculated rate of heat loss through the parts of the exposed elements shall be no greater would be if—

(a) the exposed walls and exposed floors had a of 0.6 and

(b) the roof had a U value of 0.35.

(c) the roof had a U value of 0.35.

(d) the roof had a U value of 0.35.

(e) the roof had a U value of 0.35.

(f) the roof had a U value of 0.35.

(g) To the extent that the calculated rate of he though the solid parts of the exposed elements than the maximum permitted under sub-paragraph (1).

This requirement applies only to dwellings

(e) the roof is sub-paragraphs (3) to (5), the calculated rate of heat loss (W/K) through any window rooflights shall be no greater than if would be if—

(a) the aggregate area of the windows were—

(i) in the case of a residential building 25 per (ii) in the case of a shop, office or assembly build per cent.

(i) in the case of an industrial or any other build per cent.

(ii) in the case of an industrial or any other build per cent.

(c) the windows and rooflights had a U value of (c) the windows and vooflights had a U value—

(a) in the case of a residential building, shop, of assembly building, 0.6, and

(b) in the case of an industrial or any other build (b) in the case of an industrial or any other building, 0.7.

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One of the basic principles of running a profitable business is to ensure that all assets are working both hard and effi-ciently. This maxim applies just as much to the small architectural practice as it does to a large commercial enterprise.

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If each pariner's share of the capital account is of a reasonahle sum, ic at least 14,1000, and the indications are thos it will increase over the next 10 years or sn, then the partners should hack very corefully in a scheme whereby the capital is used to generate very useful additional

cash work The mechanics of the selicine that the interest charges are covered by reducing his share of covered by reducing his share of of the account is, say £5,000, and the practice profits. His income, likely to increase over the next 10 and consequently his tax lia-

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years. He decides - with the bility, is reduced to take account facit agreement of Iris partners - that he wishes to withdraw This sequence of events £1,000 to invest in the special continues each year for loyears. Partner Capital Plan. This is At this time the plon matures operated by one of the top life and the total Iron of £10,000 is assurance companies which, an repaid from the proceeds. receipt of the £1,000, issues a Special 10-year endowment the series of £1,000s have all pulicy. At this point the practice heen invested; it is likely that is short of working eapital to the they will have earned a very tune of £1,1800, so it arranges to attroctive rate of interest. horrow £1,000 from the insur- Consequently there should he a very sizeuble surplus payuble to

ance contpany. The practice has to puy Mr White; moreover, this will be interest on the loan, but been use this has occurred at the instigotaxation. Thus, even taking into

account the interest charges, Mr. White will have made a very postunide acontinent Because the final surplus is

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3. Hotel Planning and Dosign: a guide for architects, interior designers and hotel exectives by Walter A Rutes and Richard H. Penner. Identifies the key the planning and design criterio for nearly 30 different hotel types. Specializeri and up-to-date guidonce unavailable elsowhere, Price £49.50.

d, The Cass'cal Or letted Artificcione by Robert Chitham, Immaculate line drawings and informative captions explaining the origins, development and practical usage of all the classical erchitectural elements. Involuable to designers and fascinating for their Sonis. Price £16.45.

5. The Architect's Guide to Fee Negotiations by Ray Moxley. Competitive fee tendering has now become a reality of architectural practice. This bank sets out all the items that have to be negotiated at each stage. Price £18.65.

6. Construction Praject Manageme using Small Computers by Clen Peters.
As well as explaining the principles of project management this book explains how they can be applied on small computers and which particular systems are most suitable. Price £15.35.

7. Legal and Contractual Procedures edition of this popular reference work which gives concise and simple guidance through the legal and contractual maze of everyday architectural practice. Price 19.85.

Architectural & Construction

The hooks listed helow are available through the Architectural. & Construction Bookshop. A special service for readers provided by Morgan-Grampian Construction Press.

Guide by David Chappell. Explains how to avoid attuations which give rise to contractor's claims for delays or expenses, and how to deal with them when they do arise, Price £15.35.

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10. Specification 85 by David Martin. ighty-second edition of this annual nce source for architects and specifiers in the construction industry. Volume 5 is a commissioned new volume devoted entirely to specifi-cation clauses. The six volume set is supplied in a library box. Price £57,50.

3. Standard Form of Building Contra (Second edition) by John Parris. Probably the leading text on JCT 80. this has been revised to cover major changes in the law on professional liability, retention monies and interest n unpaid sums. Price £19.75.

4. How Architects Get Work by G. Golzen, Existing practices, as well as those thinking of taking the plung into setting up on their own, will find this book stimulating and lively reading. Price £10.95 (paperback)

15. The Interior Design Workbook: A Job Record and Diary by David Fry ISIA RIBA. Fills a considerable gap in providing interior designers, with a working tool which sets out all the states of an interior design or print. stages of an interfor design project. Price £10,95.

BOOK OF THE MONTH

Space on Earth — Architecture: People and Duildings by Charles Keevitt. The henvily illustrated book of thecurrent Channel 4 series takes a fresh look at some key issues of architecture and planning over the lest 100 yeors; cities; skyscrapers; mass housing; conservation; and future trends, including community architecture. Price £9.85 (paperback) \$16.45 hordbackt. luc. P+P.

12. AJ Introduction and Complete Index to the 1985 Building Regulations Briefly explains what are the main changes; how to find all the references to any subject: a checklist of which British Standards are invoked by each section plus unique detailed subject index to every topic covered. Price £8.25.

16. Ilandbnok for Clerk of Works Third Edition by GLC Depunment of Architecture and Civic Design. This Third Edition provides step-by-step guidance on the currying out of all the duties of the Clerk of Works. Price

23. Professional Liability by Ray Cecil. Written to advise, guide and horribly warn architects of the alarming growth in claims urising from professional readable, Price £17.55.

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Details: Penny Jachson, Wynton Services Ltd, PO Box 132,

Preservation for profit, conference organised by the North West Civic Trust and English Heritage.

Venue: Wirhsworth Town Hall, Wirksworth, Derbyshire. 9.30am

Details: Pauline Roscoe, North West Civic Trust, 061-794 9314.

Fridny-Mondey Self-build — Walter Segal course.

Venue: Centre for Alternative Technology, Machynlieth, Wales. Details: 10654) 2400.

June 19 New Building Regulations 1985, a seminar organised by the Thames Polytechnic and South Banh

Venue: The Dartford campus, Thames Polytechnic, Kent.

Details: Sian Smith (32) 21328.

Exhibitions

Until July 28 Feeling through Form, the work of

Vente: Sculpture Court, Oarbican Centre, London EC2. Delnils: Valerie Fox, 01-340 3007.

June 10-September 28
Let's Face it — fasblons in faces
1700-1986, covering the story of
the face in London over the last
250 years, sponsored by Boots No

Yenue: The Museum of London, London Wall, EC2. Details: 01-600 3699 ext 240/280.

June 11-August 10 Oskar Kokoschka 1886-1980 an

Gallery. Venue: Taic Gallery, Millbank,

Details: 01-821 1313.

Details: 01-636 0974.

Until June 21

exhibition organised by the Tate

London SWI. Cost: £2.50, Students, pensioners, registered disabled, UB40 holders

Until June 20
Themes V: Informing the Diject an exhibition of the worh by students of Diploma Unit One, Architectural

Association. Venue: Architectural Association, 35 Bedford Square, London WCl.

The story of the bow. Venue: The Avoncroft Museum of

Bromsgrove, Worcestershire, B60

William Morris Woven Textiles; organised by the William Morris

Gallery. Venue: William Morris Gallery. Lloyd park, Forest Road, London

Details: 01-527 5544 (ext 4390).

City — two slews, the work of London-based artists Oliver Bevan and Ron Bowen, as part of the City of London Festival.

Venue: Concourse Gallery at the Barbican, London E2. Detalls: Christopher Senior, 01-638

New design for old. Venue; Boilerhouse, Victoria &

Albert Museum, London SW7.

Buildings, Stoke Heath,

Detalls: (0527) 313 63.

June 21-October 5

June 28-July 20

Until July 3

eight contemporary Dritish

4.30pni. Cost: £25.

Cheltenham, Glos. (0242) 582 770.

Juday Judahing Touch a weekend ice on the restoration of Market in historic buildings. ment by the Avoncroft
ment of Buildings.
me The Avoncroft Museum of ungs, Worcestershire. e: Residents, £59, non-residents h may be possible to book to 50 Please enquire by

2. House and Home: hunsing relives. dk: Soe Lynas, OI-580 446R

phoning the museum. als: (0527) 313 63.

inclural Skills in Property

agement: a conference for chief mises of local authorities and ilects, organised by the RIBA. SKRIBA, 66 Portland Place, You Wi. 10.30am-4.30pm. de: 01-580 5533.

day-Tuesday if and maintenance of concrete dding, seminar organised by Cement & Concrete

Fulmer Grange Training te Slough. ande Association, (02816)

oby-Friday Workplace, five presentations Inflagroom and dealer desk p.organised by Scott Howard W. Scott Howard Associates

> sive of lunch or £69 for all 4: Lindsey Tunstall, 01-437

koadwick Street, London W1. £117.25per presentation

way-Thursday Agenent exhibition, or ganised laple Publishing. Action Exhibition He, London. 26: Roger Disckliurst, 01-686

day and Wednesday fees Miller celebrity lectures fixith guest speakers David mMP and Danald Trelford, mr RIOA, 66 Portland Place, Mon WI. 6. I Spru. ATRickets are free and available Were at the RIBA hookshop.

bor pollution, conference Paised by Vent Axia. at George Street, Westminster, his: Fred Morgan, 01-222 5024.

Pance liability insurance — Stree Insurance, a seminar Mised by RIBA Services with RIBA, 66 Portland Place,

e: Charlotte Dale, 01-637

Country House day at Chichely

Chichley Hall. nghamshire. halls: The Design Academy, 01-

> these regulations: a review of Medule 2, seminar organised by Centre on Environment for the Mert Street, London NW1.

ion-4pm.
Cost CEH members £29 plus
[AT, non-members £35 plus VAT.
Draiks: Alice Noon, Seminar
Officer, 01-222 7980.

odnesday Spond Trafalgar, an illustrated by Peter Ahrends, preceding Camden Society of Architects half meeting. Leedon W1. Details: Rosalind Pilling, 01-485

legisday

mestion of money, seminar

mention by Wynton Services.

Met Haydock Park Racecourse,

Myton-le-Willows, Merseyside.

mest £85 plus VAT.

**Dateline** 

Until July 12 Artists in Architecture. Venue: RIBA, 66 Portland Place, London WI. Mon to Fri Illam to 6pm, Sat 10am to 1,30pm. Detalls: Hilary King, 01-580 5533. Until July 20
The complete Ceell Beaton at the Barblean, organised by the Barblean Art Gallery.

Venue: Barbican Art Gallery Level 8, London EC2 Details: Christopher Senior, 01-638

Coming soon

June 17
Ted Tinling oo tennis and textiles, study day organised by the Victoria & Albert Museum. Venue: Victoria & Albert Museum, London SW7, 10,30am-5,00pm. Details: Angela Thurgood, 01-930 481 I.

June 18 Introductory one-day marketing briefings for principals in small and medium architectural practices. Venue: The Victoria Spa Lodge, Bishopton Lane, Stratford Upor Avon, Warwickshire.

Cost: £58 including buffet lunch Details: Liz Ourchall, [056) 43 3654, or George Fardon (0386) 7930 35.

June 18

Who plons London now? conference. Venue: RIBA, 66 Portland Place. Cost: £20 including VAT, students

Details: Meta von der Steege, RIDA, 01-580 5533 [ext 4420].

JCT 80 Form of Contract, a oneday course organised by the Midlands Study Centre. Venue: Albasy Hotel, Birmingham. Cost: £75 for Centre subscribers, £95 for others.

Details: The Midlands Study Centre, 9 Westbourne Road Edghaston, Birmingham, B15 43 TN (021) 454 2008.

June 18-23 Houses of Paris - their interiors and gardens, five-day tour. Venue: Paris. Details: Stephanic Laing, The Design Academy, 01-708 1976.

June 19 Homing in on people, a one-day seminar organised by the Bristol Centre for the Advancement of Architecture. Verue: Oristol Polytechnic Coldharbour Lane, Aristol. Details: Dr A H Spedding, Percy Thomas Partnership, 11-13 Whitelodies Ruad, Bristol.

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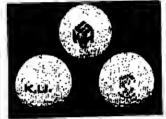
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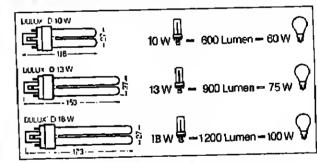
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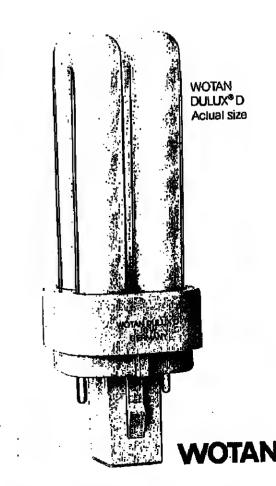
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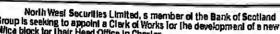
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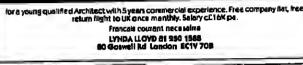
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This Service of epproximately 200 staff designs and supervises the construction of ell types of buildings from new endre habilitation houses and liefs to leisure cenfrea and schools. The Service is now reorgenised into 8 multi-disciplinary erea teams and a centrel support team under a Managemant 80ard consisting of the lesders of each of the teams. The Council is committed to equal opportunities, eccountability to the local community and the development in this Service of a system of collective responsibility and decision-making (selt-management). The 8 uilding Oesign Service is expanding its services and will be setting up a new team on the 8 roadwater Farm estate in Tottenhem with a view to work closely with residents and other Council services already established on the estate. Members of the team, being professionals in their own field, will be expected to find solution to tachnical and design problem of the estate, cerry out remedial work and new build projecte, including community centre and workshops, keeping in view issues of reciam, discrimination and other difficulties experienced by black and minority ethnic people. Group will actively support community built project on the estate.

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To co-ordinate the design stretegy, defects investigation and building project work on the estate; ensure e co-ordinated approach to the involvement of residents and community organisations in that work; and ensure the aftective management of the group within the context of the Mid-TottenhamArea Team, You will be expected to be capable of working as a project archifect for the most complex projects and to demonstrate expertise in a number of specialist areas.

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To invastigate and develop options to detarmine a long-term strategy for the estate. The SO1-PD1 will essist the PD3-PO4 project leader.

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For further information and an informat discussion regarding the above pasts, please For further information and an informed in other areas of the Borough.

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For an application form, please phone staffing section (01 - 340 8031, ext 205) or write 10 the Management Soard, Building Design Service, Homsey Town Hall, The Broadway, Crouch End, London NS 8J8.

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pactive applicants who wish to anquire turther about the Capartma ild apeak to Jim Midant, Chief Architect, Telephone 0708 341411. A Ceaust User Car Allowance is payable and therefore applicants should possess a tull current driving licence.

Application forms evallable (quote ref J803) from Chief Personnel Officer, PO 80x 88, Municipel Offices, Smith Street, Rochdels OL161XG (Telephone 47474 Ext 882) to be returned no leter than 28th June 1886.

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### Senior Landscape Architect PO3 (£11,850-£12,885)

Applications invited from experienced, qualified Landscape Architects to join the Joint Landscape Group which under the direction of the City Planning Officer and the City Architect provides a comprehensive landscape odvisory and design service to the City Council.

You will report directly to the Principat Landscape Architect on a full range of duties which include programming and implementation work, policy advice, cost control, design and preparation of bills and quentities and the preparation of brics. Site supervision and supervision of professional and technical staff is required.

Resattlement expenses are payable covering removals, legat fees, incidental expansos etc up to the sum of £1,000. Application forms and further detaile are avoilable from the City Pianning Officer. Civic Centre, Newescile upon Tyne NEt £PH. Telephone Mr P Beard on Tyneside 091 2325520 ext 6141. Closing data 27 Juno 1986.



City of Newcastle upon Tyne

Applicants are considered on the basts of their sultability for the post, regardless of othnic origin, sox, markal status or disability,

### **New Forest**

### **ARCHITECTURAL** TECHNICIAN Scale 3-6 (£6,234-£9,591)

Applications are invited from suitably qualified parsons for the bove post to work in a busy office with a very divares workload. Candidates should possess MSAAT, have a sound knowledge of building construction and be capable of producing Design and Working Drawings, pursuant to the preparation of Sills of Quentities by the Quentity Surveyor, and be able to carry out ubsequent contract administration under e minimum of

The Architectural Olvision of the Tachnicet Depertment is housed in new office pramises et Lymington, a pleasant South Hampahire coastal town. The post carries en essential user car ellowence subject to e maximum of 1450cc and requires the stholder to provide a car for official duties. In epproved cases he Coundi offer luli removal expenses, lodging ellowance and up to £3,17D, towerds the cost of other relocation expenses.

An application form, job description and further information are available from the Personnel Section, Naw Forest District Council, Appletree Court, Lynchurst SO43 7PA or Telephone Lyndhurst 3121 Ext. 173 quoting Post T14. Closing date for receipt of completed epplication forms: 27th June 1888.



IONDON BOROUGH OF HARINGEY Haringey Making Equal Opportunities A Reslity BUILDING DESIGN SERVICE

#### **ARCHITECTURAL STUDENTS'** YEAR OUT PRACTICAL TRAINING £6,927-£7,449

Readilitation houses and flats to Leisura Centres and Schools. This rice is reorganised into 8 area multi-disciplinary teams and 6 Central port feath under a Management Board consisting of Leaders of each of

Decouncilis committed to equal opportunities, occountability to the local community and the development in this Sarvice of a system of collective reportability and decision making leading to a system of co-operative

to see seeking to appoint 4 Part 1 students for 'year out' practical training seements, commencing July/August 1986. We are looking for talented, notisted individuals who are interested inworking in the Public Sector in an office which has a commitment to good design and working with the

Forking conditions include flexible working hours, maternity/paternity kee, training, help with removal expenses where appropriate. wingey is on equal apportunity employer and will consider alterpolication loss application form please phone 01-340 8031 ext 906 or write to the Wassement Board, Building Design Service, Homsey Town Holl, The loadway, Crouch End, London N8 915.

: Goving date 27th June 1986. HARINDEY IS AN EQUAL OPPORTUNITY EMPLOYER

### The Polytechnic of Central London

### SCIENTISTS/ENGINEERS/ **ARCHITECTS**

our Research posts are available immediately in the Research in Building Group: Development of techniques to measure air movement in

buildings, funded by the EEC. -Data acquisition and evaluation of superglazed hi-tech houses in the Energy Park, Milton Keynes, funded by the EEC.

Predicting the gains by redesigning lighting and heating in commercial buildings, using computer modelling (NAB). · Data acquisition and evaluation in retrofit hybrid-solar roof-space systems, in tocal authority housing at Newham, funded by EEC. lesearch assistants will be encouraged to register for MPhil/PhD and will join a thriving eight member research team.

Swierles between £6000 and £11000, according to qualifications. Three of the posts would sull recent graduates. Further details are available from the Personnal Office, PCL, 309
Regent St, London W1R BAL. Closing date: 20 June 1986. PCL IS AN EQUAL OPPORTUNITIES EMPLOYER

#### PLANNING DEPARTMENT ARCHITECT OR ARCHITECT PLANNER (Conscription and Listed Buildings)

Sslary £11,280-£12,168 p.s. This is a new post created as a result of the abolition of the Greater Manchester Council and Oldham Councils increased commitments to all aspects of Conservation work.

Oldham has e number of Conservation areas ranging from the Oldham has a number of Conservation areas ranging from the Town Centre to a number of smatt Pennine Villagee in altractive open countryside on the edge of the Peak District National Park. The Department of the Environment is currently reviewing the listed buildings in the borough and it is expected that their numbers will be increased considerably.

The Council has already established budgets for the enhancement of the Town Centre Conservation Area and grants to listed buildings.

The post holder will primarily be responsible for reviewing progress in the existing Conservation Aress administrating the listed building/conservation area budgets and advising land and property owners, especially on planning and listed building consent applications. It is also expected that he/she will give general design guidance to the Planning Department, on other leavistics. on other key issues.

The successful applicant should have a keen interest in conservation, be able to take a practical approach to the problems of building presentation and have the ability to negotiate with developers, property owners, immenity groups

Applicants should possess a recognised quelification

Oldham is situated within easy reach of Manchester with it excellent road end reil links to ell parts of the country and is bounded by the unspoils beauty of the Pennine Chein. For further information contact Atan Choriton on

Application forms (9½,"×6½," s.e.e. plesse) from the Borough Planning Officer, P. O. Box 55, Civic Centre, West Street, Oldham, Tet: 061-678 4174.

Closing date 20th June, 1986. Job Sharing applications are welcome



### **CAMBRIDGESHIRE**

### **ARCHITECTURAL** ASSISTANTS/ **TECHNICIANS**

We invite lively minded persons for two vacent posts in e multi-diaciplinad Oesign Olfice, whose elm is to provide the people of Cambridgeshire with a lirst class service on all property matters.

Duties will involve assisting in the design of specific projects and aptitude for computers will be en sdyantsge.

Sterting salary witl be dependent upon age, qualifications and exparience.

For epplication forms and job descriptions, write to the Director of Proparty, Shire Hall, Ceatle Hill, Cambridge C83 OAP, or elephone David Lilley on Cambridge (D223) 317432.

Closing date for applications DPPDRTUNITY EDUAL

### LONDON BOROUGH OF ISLINGTON

**EMPLOYER** 

**Architactural Dapartmant** telington is continuing in its tradition of high quality commu architecture with its Estets Action Programms.

The programme comprises the major improvement of unoccupied dwallings and their environment and le expected to continue until 1994.

### SENIOR ARCHITECT OR SURVEYOR PO2 £13,098-£14,133 Inc. ps

Required to join e group responsible for rehabilitation projects in this important programms, together with some non-housing projects. The person will be responsible to a Principal Architect for all aspects of job running from feasibility to final account.

Applicants must have a minimum of 3 years post RIBA or RICS qualification experience or 10 years direct experience — to include the running of projects from fessibility to final account. The peetholder will run at least one complex project or severa

The postholder will run et least one complex project or several simpler projects end heed a small team of up to three assistants. The person may be required to easist with the training of staff directed to his/her projects, and should have the sbitty to supervise within the context of the Council's Equal opportunities Employment Policy. The candidate should have the shillty to produce dealign and construction information. Including reports, show responsibility for ell aspects of job running from fessibility to final eccount, and be able to communicate clearly and affectively both varbally and in writing with other members of the dealign team. Contractors and tenents. Applicants should have a knowledge of building construction, specification writing, building contracts and the appropriets

In eddition, applicants should be able to carry out general surveys, cerry out teasibility design, and have clear and accurate droughting and design skills. They should also be able to demonstrate ability in contract and project management, and be prepared to attend occesional evening meatings.

Application forms are eval(able from the Borough Architect, 222 Upper Street, London N1 2Ulf Tel: 01 384 7040. Closing date 20th June 1386.

Our jobs are open to ell reces, both sexes, lesbiena ond gay men and we have a positive affitude towards the employment of disabled people.



North East Thamea

### Regional Health Authority ASSISTANT REGIONAL ARCHITECT

£16,327-£19,566 pa (inc London Weighting) Required to lead an in-house team on e major project and in addition to be responsible to the Regional Architect for specific duties related to the development of health care planning end organisation, including the development of Computer Aided Design.

Must be committed to inspiring and echieving the highest standards of design end integrated performence from elidisciplines in the Design Team.

#### Reference number 8D 417. **TECHNICAL ASSISTANT 1**

£9,653-£11,164 pa (Inc London Weighting) Technically capable, committed to high atandard of parformance and emotionally suited to contributing to team working as well ae baing able to work as an individual.

Reference number 8D 416. The Regional Architect's Division consists of 25 architects and support stell designing and producing a variety of important buildings in a Region which includes the City of London and extends from the River Thames to the North See Coast and the Sullolk Borders.

Dur work covers all aspects of health cars plenning and we place great value upon the creation of a sympathalic environment for patients and the staff who cers for them. environment for patients and the staff who cars for them.

During the peet two years we have been increasing the use of Computer Aided Design and are now investing in a new mini-based system to iurther advance the parformance of the Division and to integrate the functions of other disciplines within the recently expanded Estates Directorate. These appointments offer a unique opportunity to contribute to this development. Wa work in modern oilloss close to Paddington Station and

have the benefit of e good staff restaurant

You are welcome to contact the Regional Architeci, John de Vuider, on 01 262 8011 ext 2205 to discuss details of the nents and to visit our office. Application forms may be obtained from the Ragional Architect, North East Themas Ragional Health Authorify 48 Eastbourne Terrace, London W2 3QR, Please quota raierence 8D 417 or BD 418 as appropriate.

Closing date for applications 20th June, 1986.

SOUTH CUMBRIA HEALTH AUTHORITY

### **DISTRICT BUILDING OFFICER**

U.W.0.5. - SALARY £12,938-£15,393

The Authority is saeking a highly motivated parson to lake responsibility for the co-ordination of building activities throughout the Authority.

Applicants must have a thorough knowledge of all stalulory esponsibilities, have the ability to interpret national and regional policies and have a proven track record in a responsible managerial position

Candidates should hold a fully professional qualification and have a thorough appreciation of the works function within the Health Service of the public sector field of activity. Application form and information package are available from

the Director of Personnel and Management Service, Personnel Department, South Cumbria Health Authority, Priors Les, Abbey Road, Barrow in Furness, Cumbria LA13 9JU. Tel: 0929 32020 ext: 480. Closing date: 27th June 1986.

#### BOROUGH OF MACCLESFIELD **Engineers Department GROUP ARCHITECT**

Applications are invited for this key post from Chartered Architects with considerable Local Authority experience. The successful applicant will be responsible for the management of the Council's Architectural Group under the Chief Engineer. The main functions of the post are to provide an Architectural design service to the Council, together with the supervision of construction of new buildings, improvement works and responsibilities in relation to dangerous buildings.

The Group has a current workload of some £6m, part of being undertaken by consultants under the direction of the Group Architect.

Application forms can be obtained from the Personnel Section, 20-22 Cumberland Street, Macciesfield, Cheshire SK10 1DD. Closing date: 20th June 1986.

### Conservation in Canterbury

Canterbury City Council has a strong commitment to conservation and quality of design and is expending its conservation seem to capitalize on a proven record of schlevement and to meet the increesed pressures on both the urben and ruret anvironment. Canterbury Itself is of outstending historic interest, containing 1500 listed buildings, end is set in ettrective rurel surroundings, a large part of which is within the South Oownseres of outstanding neture! besuty. In all the District has over 4000 historic buildings end 36 Conservetion Arees, including meny attrective vitleges end the seeside towns of Whiteteble end

The Centerbury Town Scheme generates over £1/2 million worth of rectoration work per en num. The City is designeted under the Archeeological Areea Act and there is a close working raletionehtp with the Centerbury Archaeologiel Trust. There are several existing new projects under way, including mejor conservation and environmental enhancemant echemes, perticularly in connection with the preparetion of the Heme Say end Whitateble Local Plen.

The following key posts in the Urben Conservation Team ere available and the City Technical Director is looking for high elibre etaff who are sell-motivated, good communicators end weti versed in urban conservetion and design.

### Principal **Conservation Officer**

PO 34-37 Salary £11604-£12513 p.a. To be responsible for supervising and co-ordinating the Urben Conastvetion Team of five apecialist staff engaged in espects of urben conservetion, with perticular reaponability for major conservation projects. The postholder is responsible for ensuring that conestvation end dealgn advice is given in good time, for design end policy guide noe and policy input into local plans. An Easantisi user Car Allowance is payable. The Council heaspproved and will be implementing contract cer hire on a 85/35 basis in the

#### Closing deta: 20th June 1988 Interview data: 3rd July 1886 **Conservation Officer** Scala 6/SO1 Salary £8997-£10638 p.a.

To assist in, end provide conservation and design edvice on, historio buildings, control of development in conservation areae, the preparation of enhancement and conservation projecte end civic schemes, end for policy input into local end rural erees. A Casual User Car Allowanca is payabla.

Closing data: 20th June 1886 Interview data: 4th July 1986 The person eppointed to these posts will join en Authority that can offer modern office acom modation, flexible working hours, steff centeen, social club end car loans to all staff on Scela 3 and above. Depanding upon circumstances up to £4,000 disturbance allowance plue ectual cost of moving end bridging loan fecilities. Consideration will be given to temporery housing accommodetion.

Informel enquiries ere welcomed and should be made to Mr J A Chater, Assistent Chief Plenner, Fxt. 4858.

Application form and job description may be obtained from the Chief Personnel Officer, Counctl Offices, Military Road, Canterbury, Kent CT1 1YW. Telephone Centerbury (0227) 451758 Ext



### Second design

THE second guide in the series of Institute of Housing/RIBA design briefs has been published, dealing with rehabilita-

tion.
This follows a similar publication in tanuary for new-build projects, and is aimed at helping local anthorities and other clients to commission to the best

design etheria.

The series is intended to bridge the gap left by the withdrawal of Parker-Morris standards. Further publications later this year will look at designing sheltered housing and huilding for the disabled, and

niso giving a guide to com-munity group clients. Details: Sandy Ramsay, Insti-tute of Housing, 01-245 9933.

### **Slimline** streamline

CHANGES proposed to the Use Classes Order designed to streamline the planning system have been watered down.

Employment minister Lord Young last week aunounced the Covernment has dropped the idea of allowing up to five people to work in residential premises without needing planning per-mission for conversion to busi-

He did not mention the other praposed modifications which include two uses being permitted for business premises and a simplified planning application form. The Use Class changes should be on the statute books

### Working cities

"MAKING our cities work", a conference on community involvement in urban regenera-tion, is being organised by the Association of Community Technical Aid Centres for June 20 and 21 at Manchester Town Hall, Detnils: Christine Bailey, 051-708 7607.

### BR could be guide out up junction over station

hitive", with just one lift to serve

£70,000.

A BR spinkesman tald BD:

"Clipham Junction is not

smithle far wheelchair access."

bound to use alternative stations

such as Victoria, Waterloo,

Wimbledon or East Croydon.

He advised the wheelchsin

BRITISH Rail's speedal advisor on the disabled has defacilities at Clapham is "prohibition" with instance in the control of th manded an explanating from BR chiefs over why a fl million improvement scheme to Britnin's busiest station includes no provisions for disabled people.

Work has already started on the Clapham Junction refurbishment and is due to finish at the end of this yeur. BR confirmed it was probably to late

to alter the scheme.
Plans drawn up by the Halder
& Mathias Portnership and BR's

#### By Amanda Balilieu

regional architect. William James, include a new staff canteen, new ticket centres and catering facilities and a general smartening up of the station.

But there are no facilities for the disabled and wheelchair-bound members of the public will still have to go down stairs to get to the 16 platforms.

John Dobbinson, of the

Access Committee for England said: "I'm surprised and aghast that BR has not included some disabled provision at Clapham Junction, given the fact that they are committed to improving disabled facilities in stations".

BR said: "Our policy is to include disabled facilities wherever possible." Facilities would normally

include lifts, ramps, dropped kerbs and tollel facilities for use by wheelchair users.
But BR is claiming that the

### MoD attacked for neglect of historic naval yards

THE Ministry of Defence is under fire for its failure to care over to the local nuthority. for "snme of the linest water-front architecture in the coun-

try", the Grade I Royal William victualling yards at Plymouth.
Torpedoes and naval uniforms are among the items stored in the decaying 1830 buildings, which the MoD has



Firmer defence secretary Michael Heseltine suggested the yard shauld be "released" to the council for use as a taurist complex to cushion the loss of 2,000 jobs at Devonport dock-

But Plymonth council now claims the MnD is stalling over negotiations becausa it does not want to spend about £10 million

Previous maintenance carried ont by the ministry has been "of very poor quality", said the

English Heritage has also monllored the condition of the buildings. A spokesman said chunks were falling off the imestone cornice and parapet, and a safety barrier had been put up to avaid a serious accident. The conservation quango has prepared a brief on the yard's future.

The MoD rejected criticisms that it was stalling, but admitted that "talks with the council have not got very far'.

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### **Restoration irks Georgians**

Restaration work carried out an Elruria Hall, the centreplece of the Stake Garden Festival, is so bad it may have been better natione, claims the Georgian

The conservation tabby has written to Stake city architect John Cornell saying shortage of funds is no excuse for "the insensitivity" of the work. Graup secretary Rager White said: "We are left with what appears to be no mare than a largo and pretentiaus nea-Geargian suburban villa, repleto with the architectural solecisms af aff-the-peg jainery associated with that genre.

"The windaws appear to be made af upve, and are tap apening casements af pinte glass rather than proper double-hung saskes with wooden frames and glazing bars. The roaf has been cavered with ghastly interlocking grey cancrete tiles, and the surraundings landscaped in a largely inapprapriate manner."

### Leisure scheme link-up

THREE groups of architects nvolved in a £35 million sper and leisure centre planned Wakefield's green belt.

Geoffrey Twyman, WF Joh son & Partners and the Joi Brunton Partnership have be commissioned by develop Presscord to design the Puent recreation centre, to a conce design by Roger Dean.

Main features planned ford complex include a cyclivelodrome, pools complex, rink, conference and exhibition centre, some residential yo hotel, set in 140ha of parkla with a 32 ha lake.

The acheme has just be lodged for outline planni permission and will prabably referred to the DoE because development would be a radi departure from Wakefield existing structure plan.



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quipment to individual specifications From tuliular or sheet stainless steet.

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